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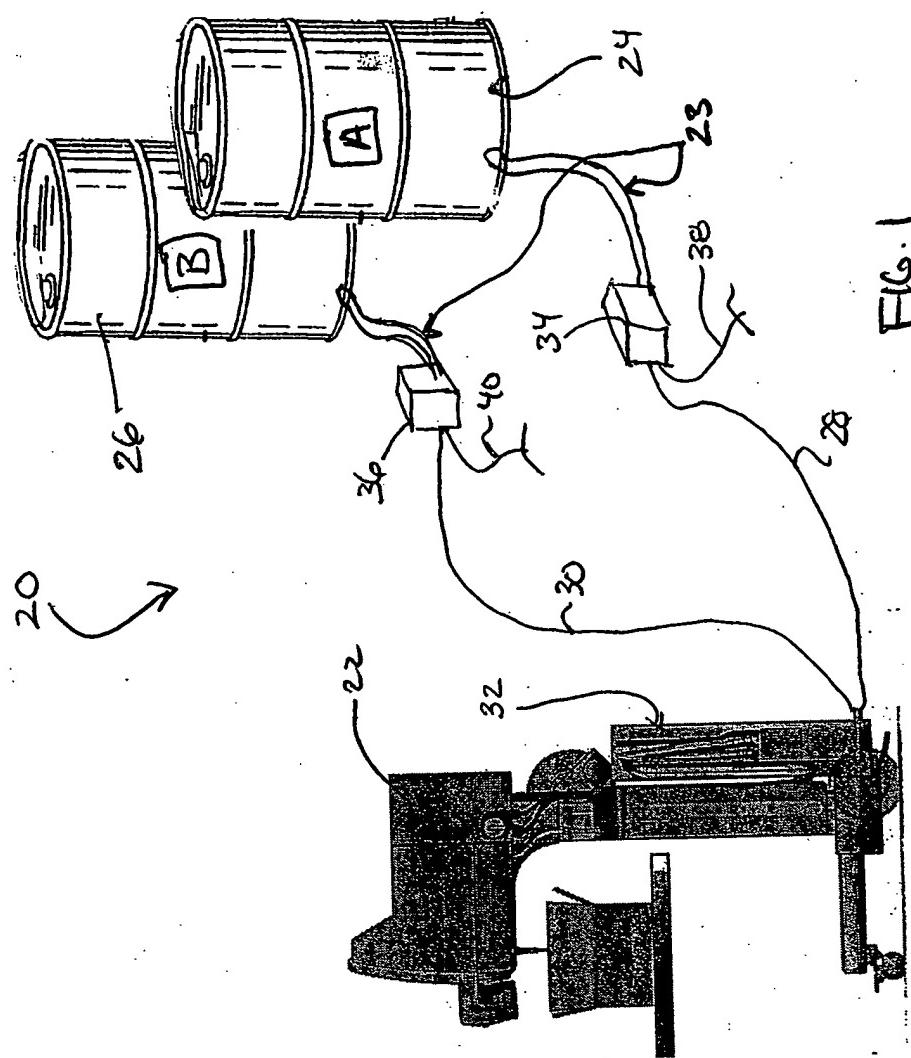


FIG. 1

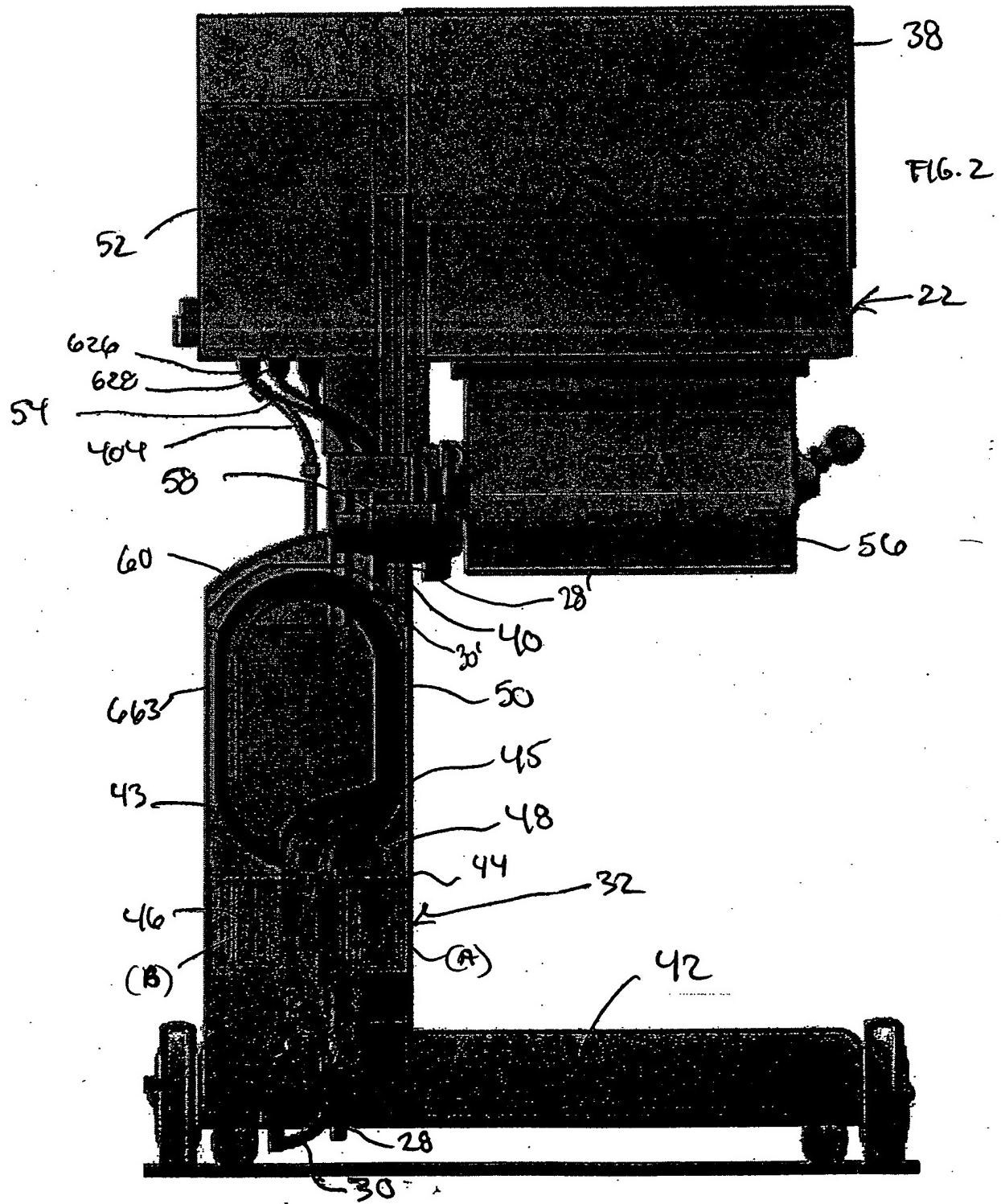


FIG. 2

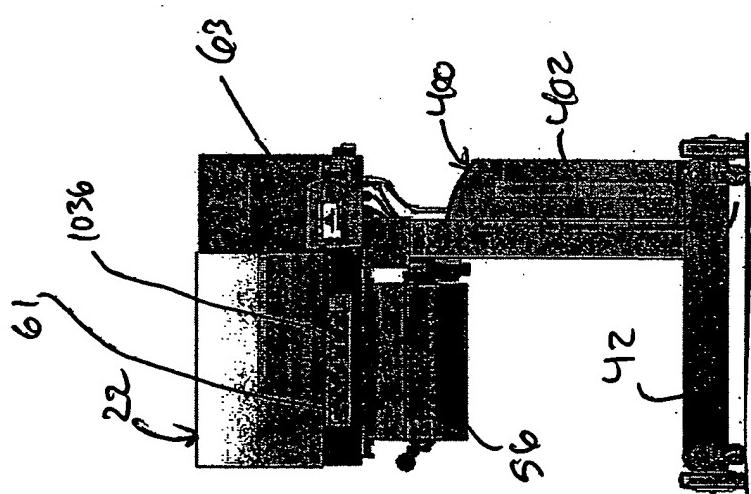


FIG 4

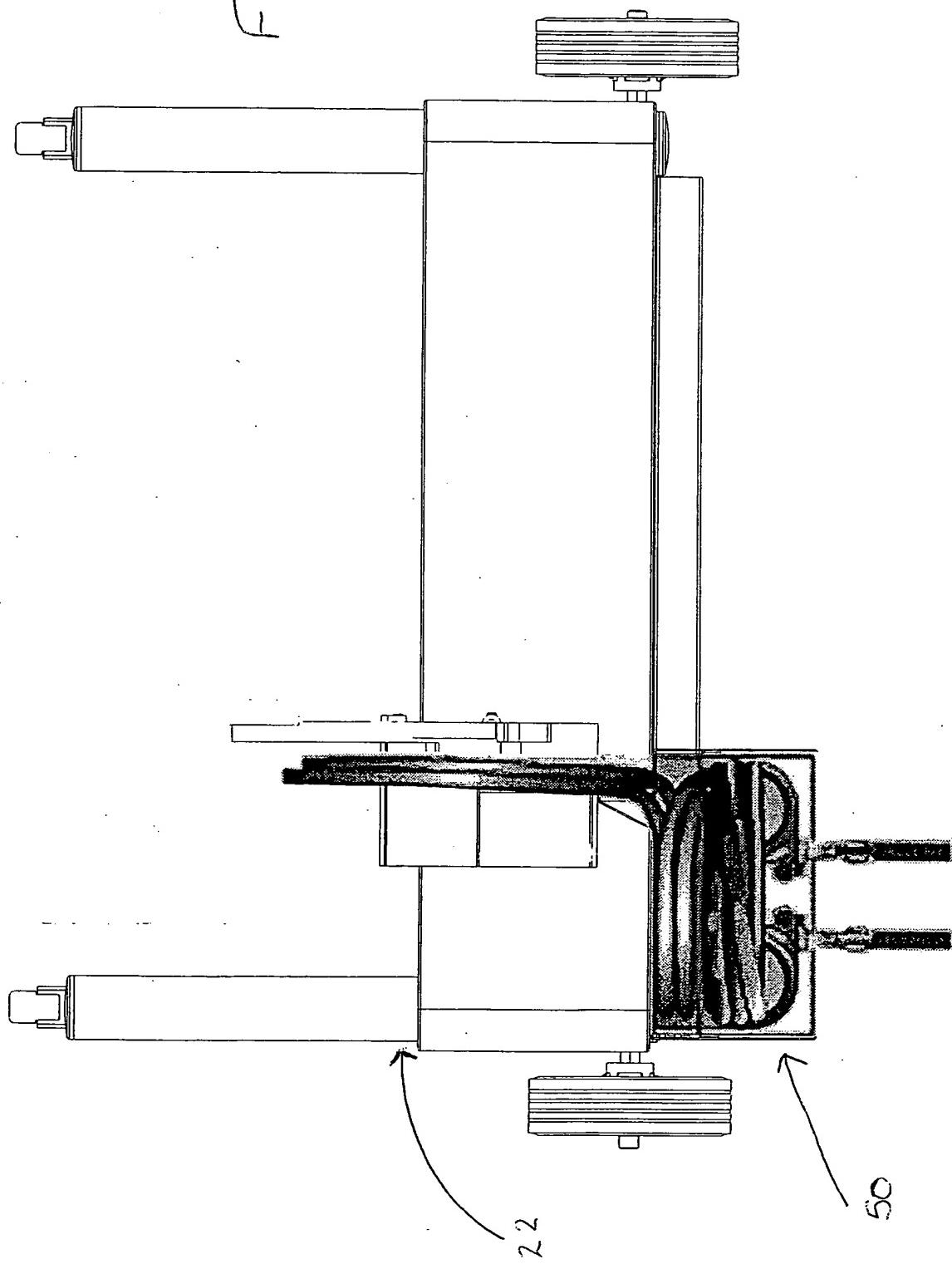
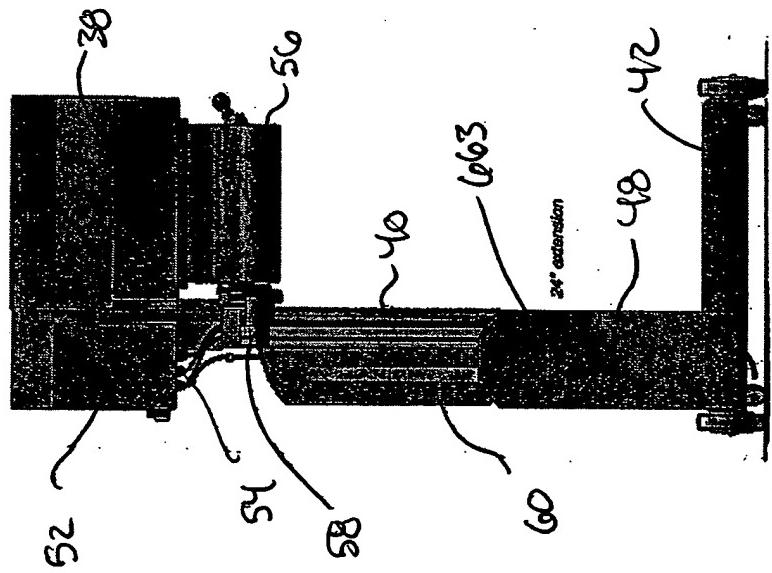


FIG. 5



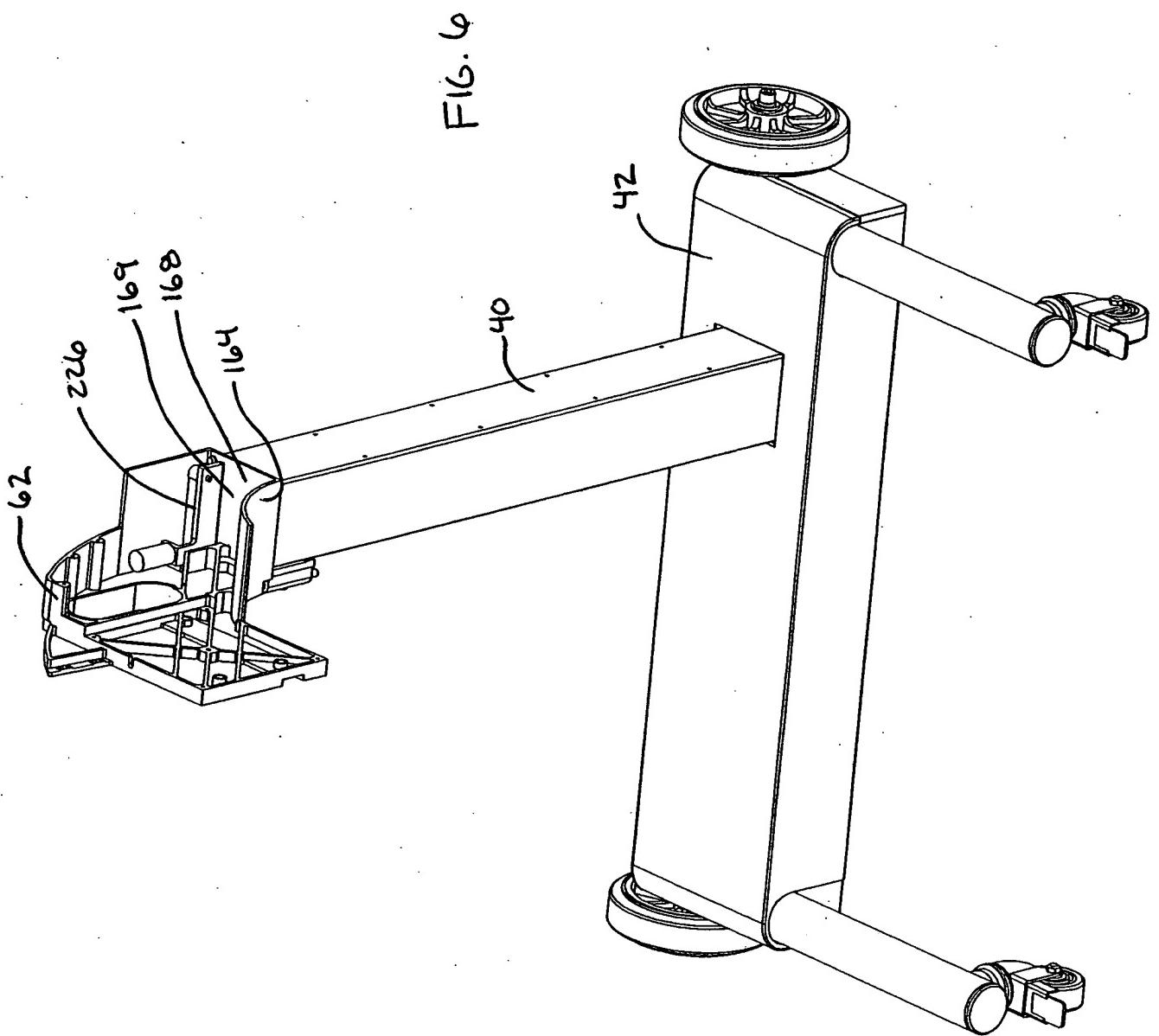
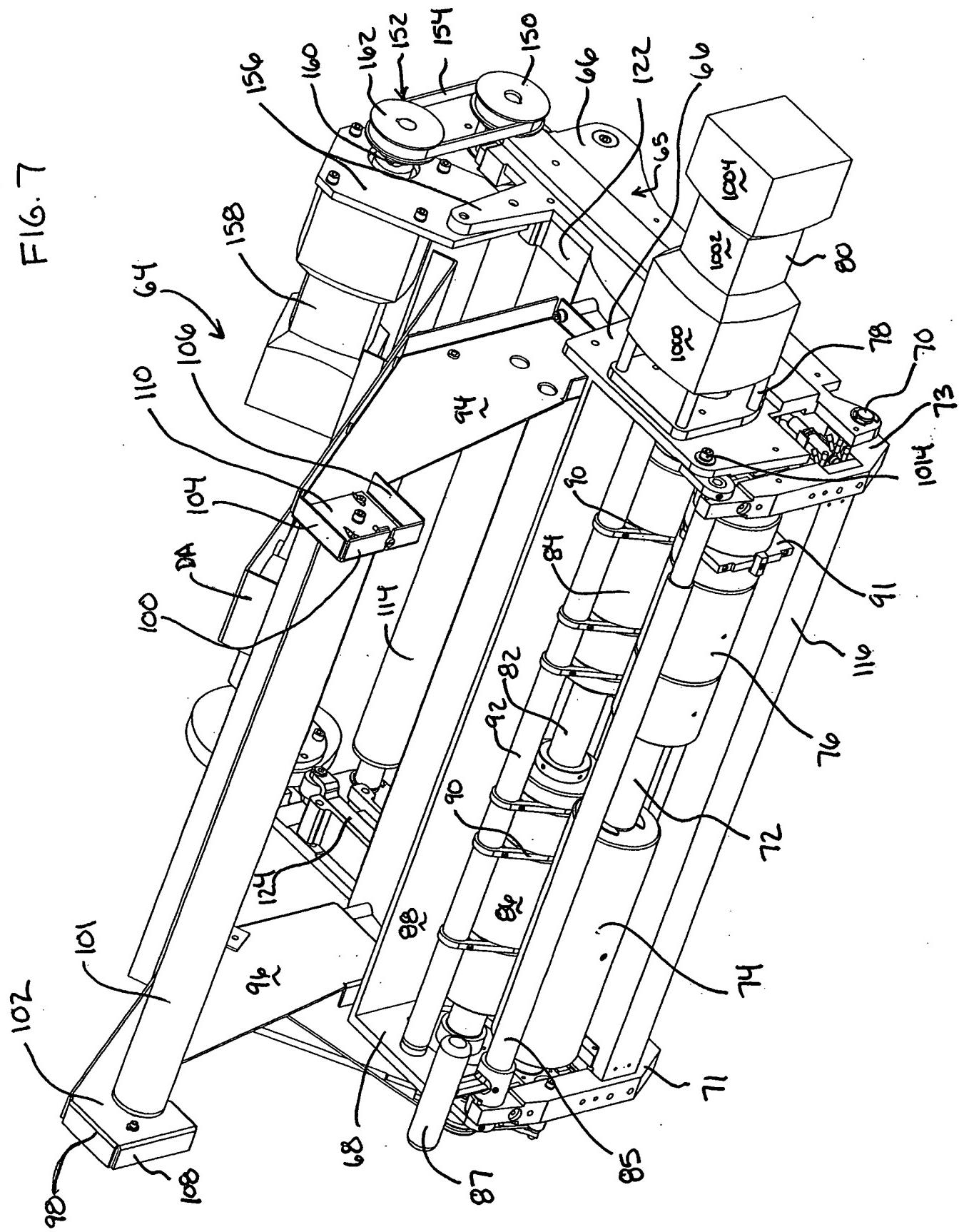
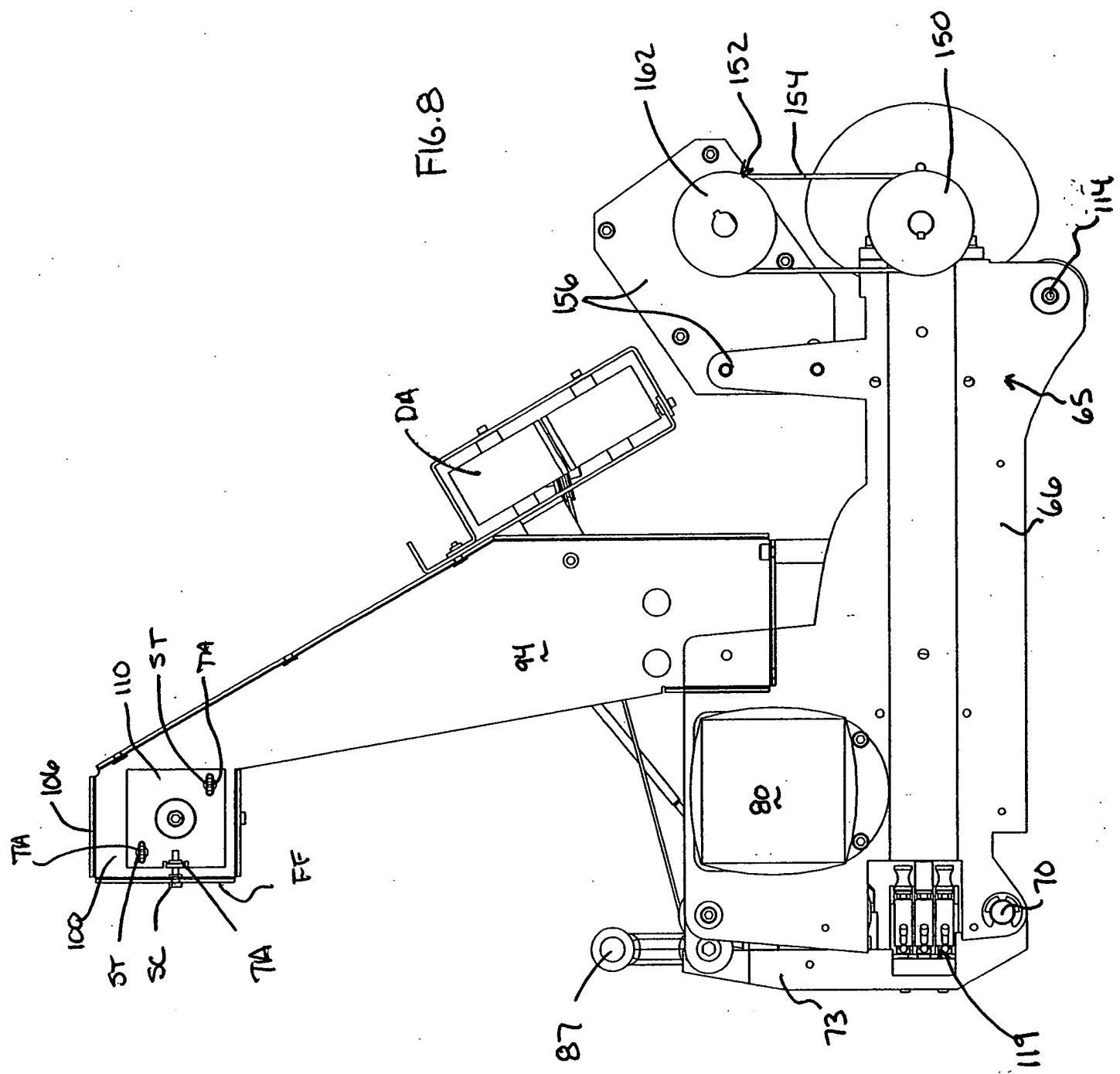
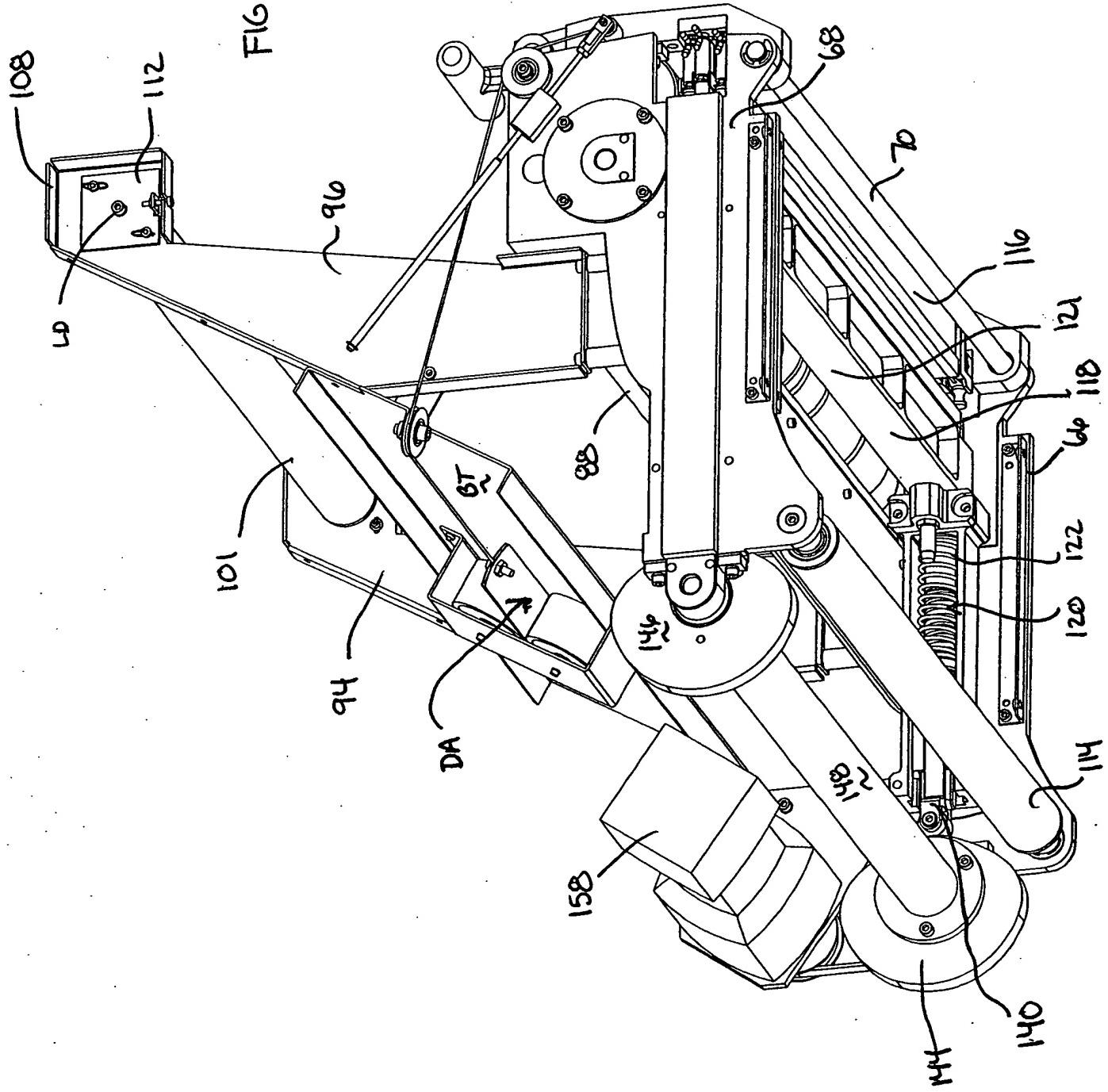


FIG. 7







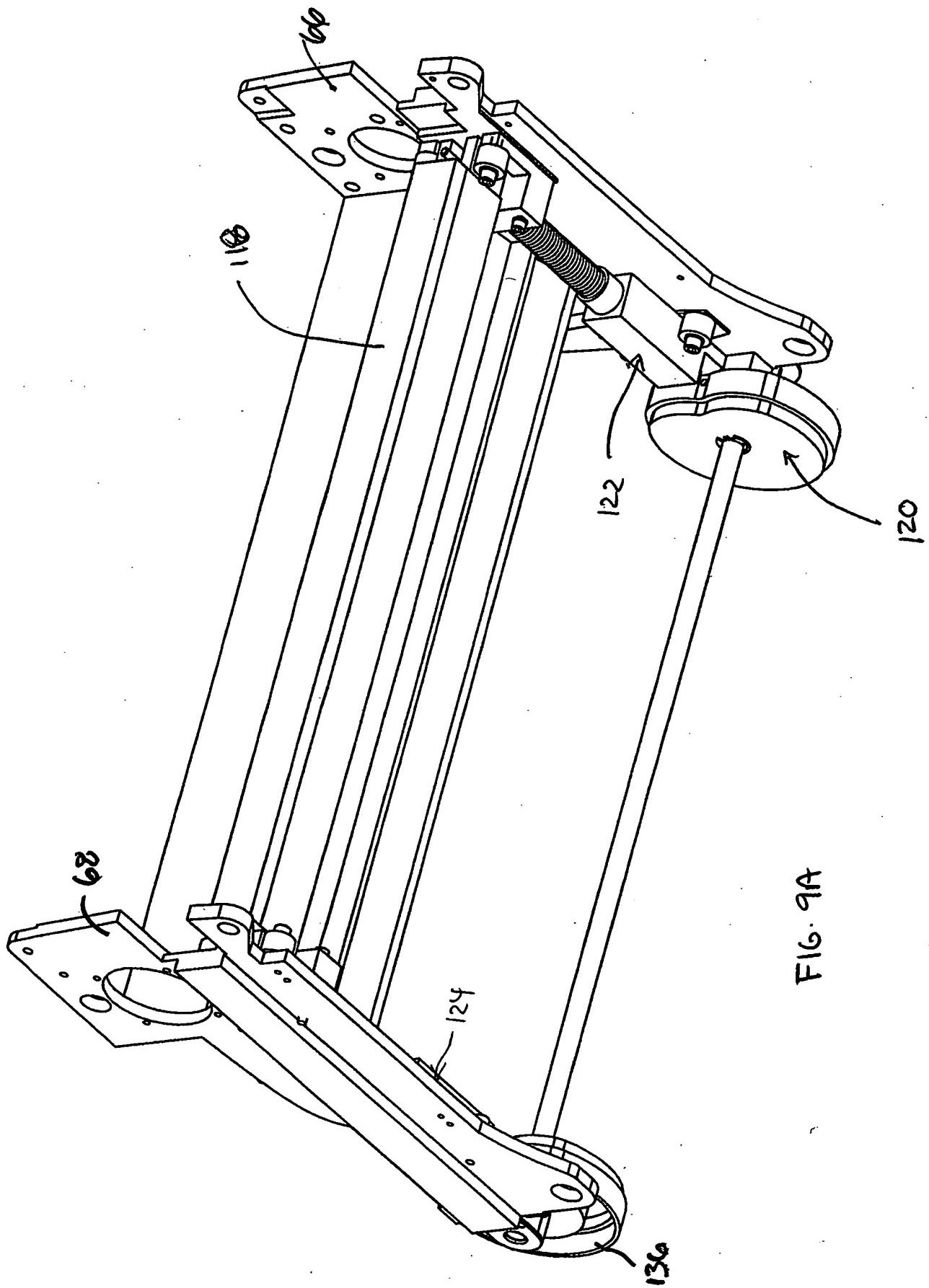
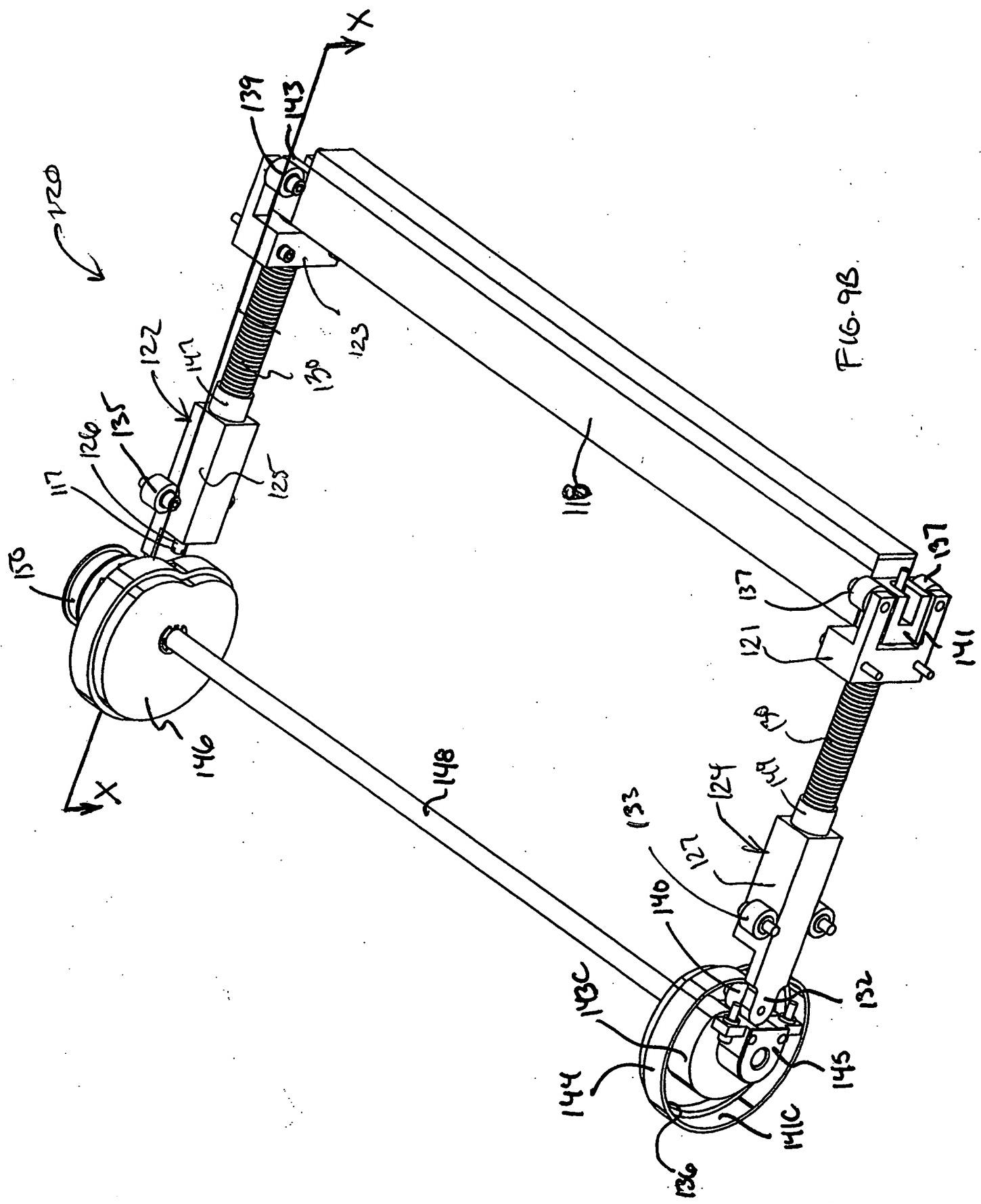


FIG. 9A



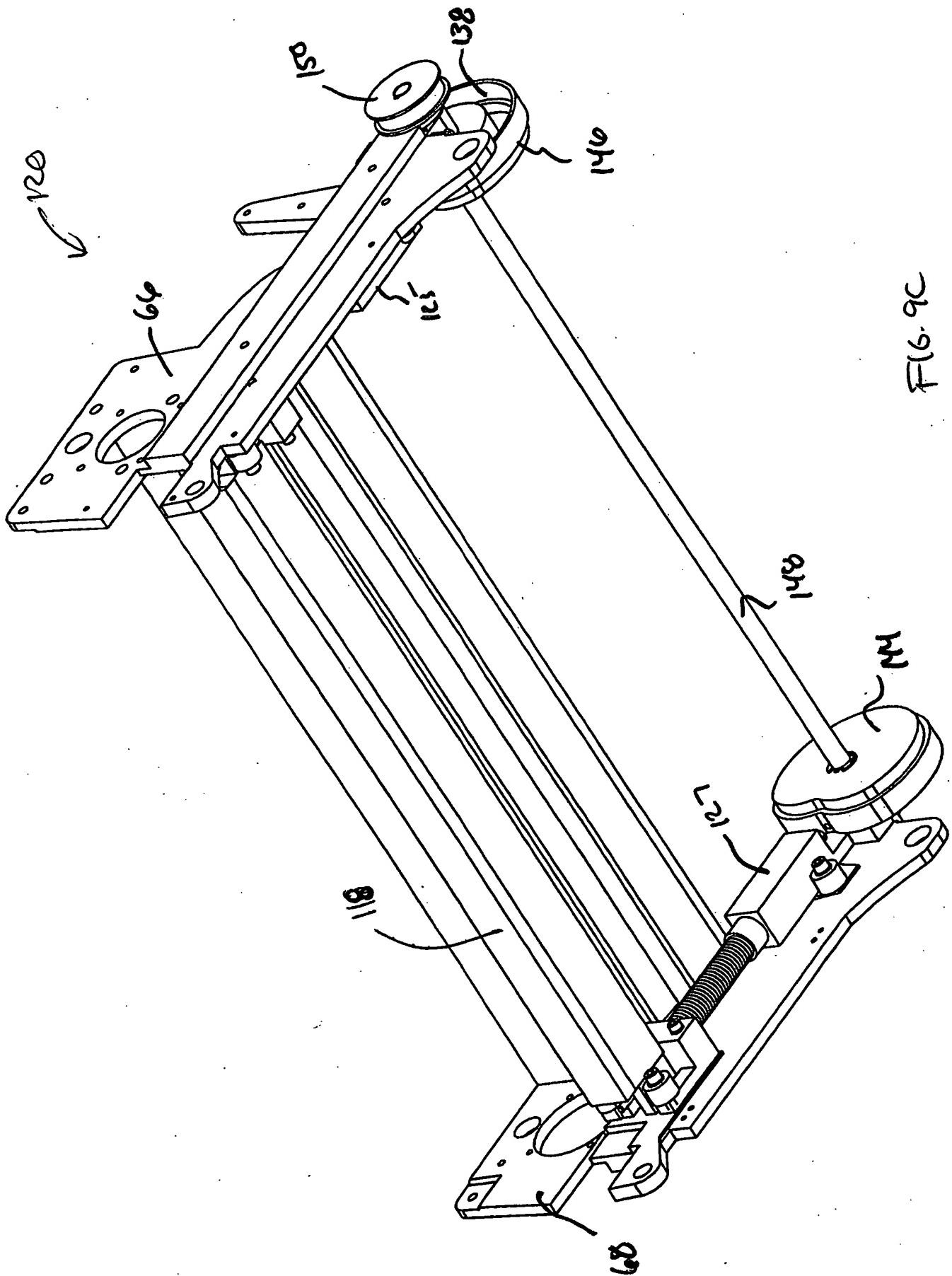


Fig. 9C

FIG. 9D

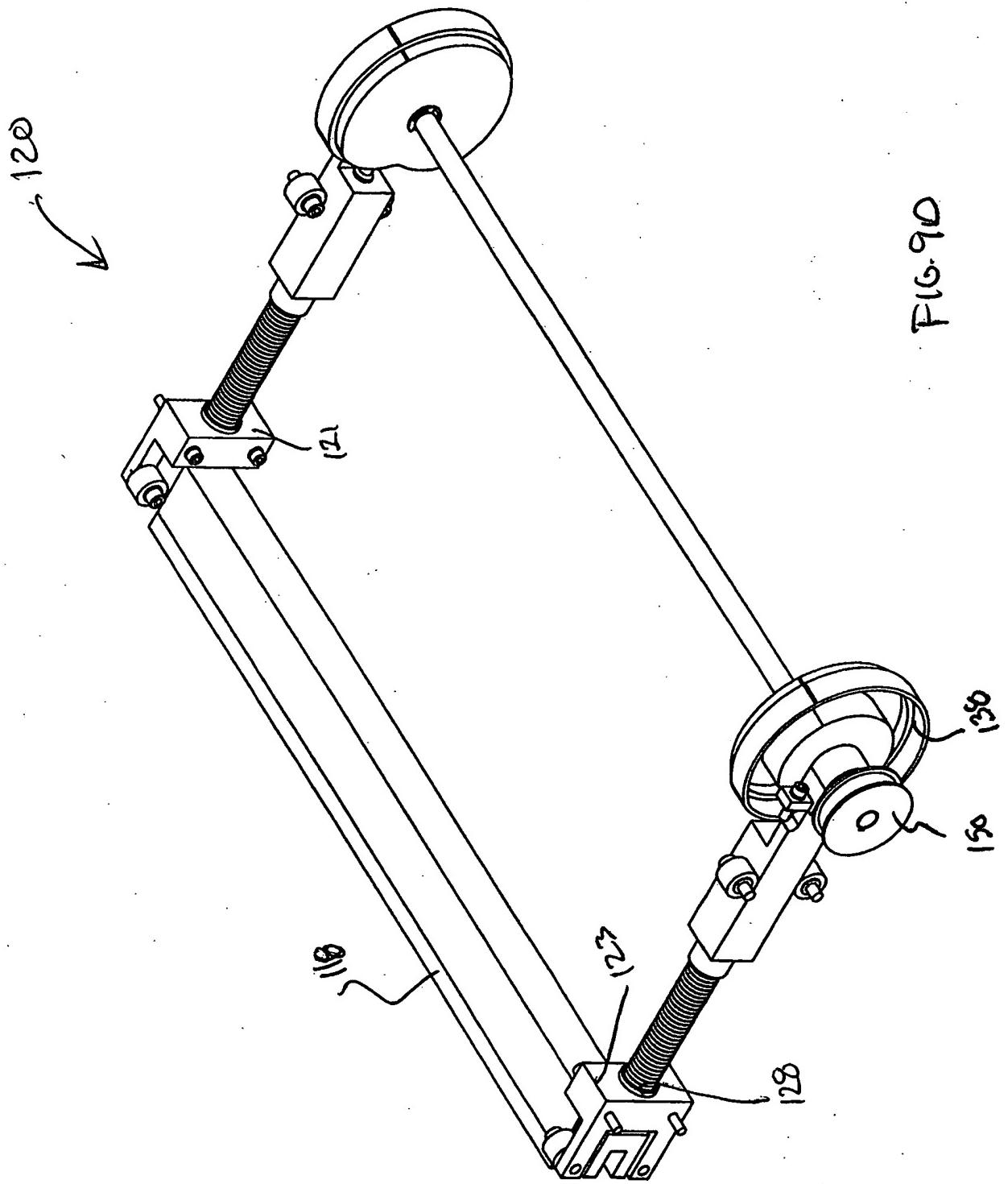


FIG. 9E

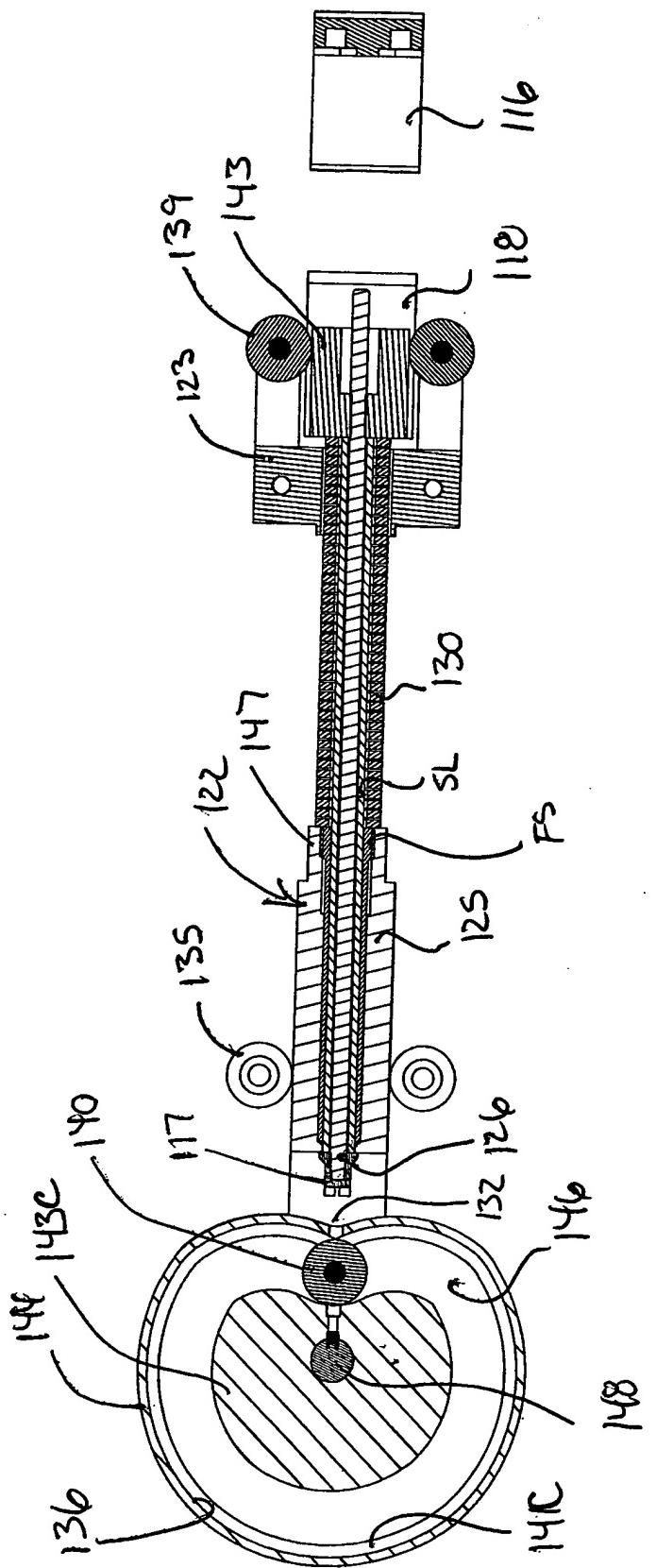


FIG. 9F

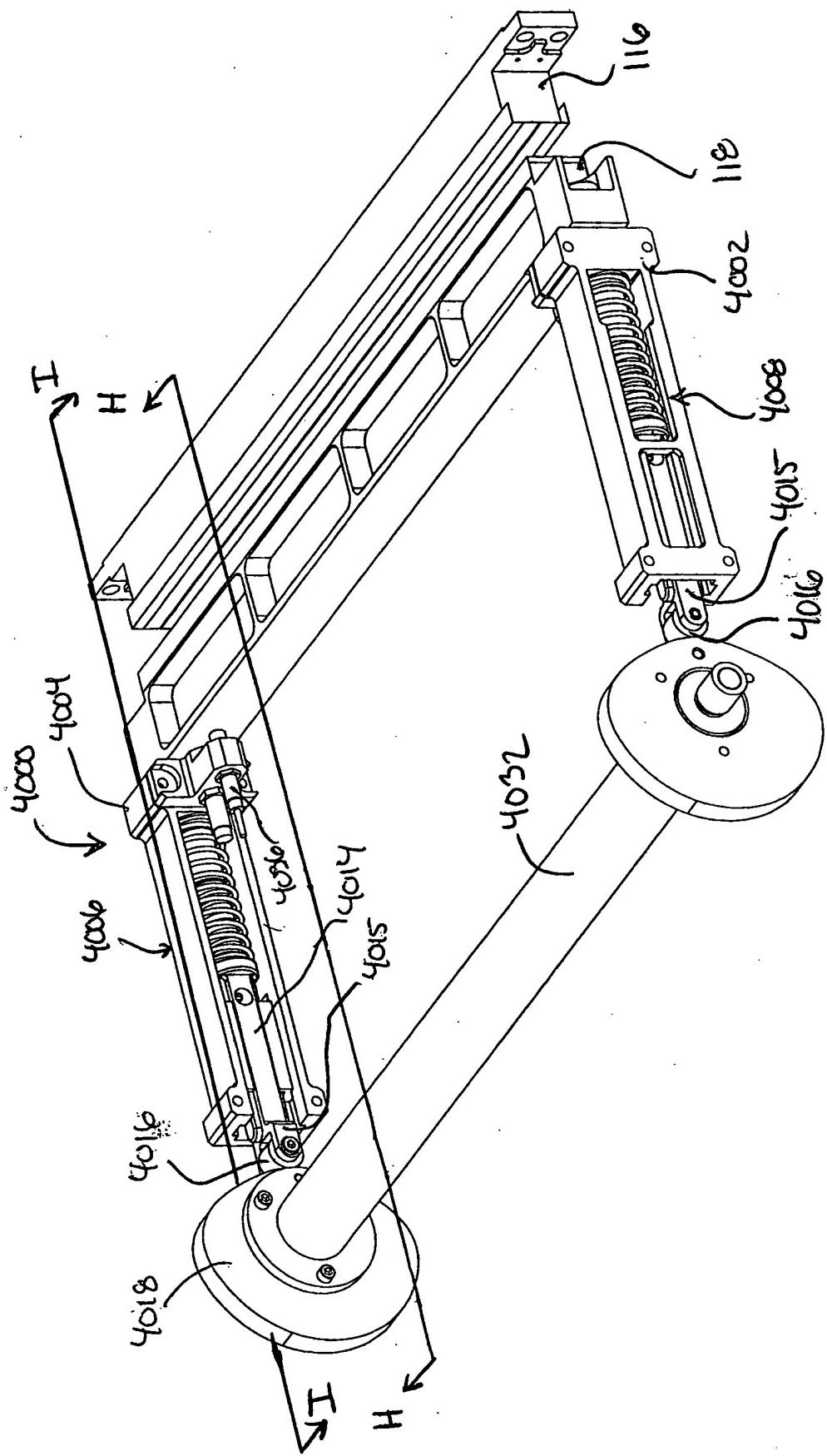


FIG. 96

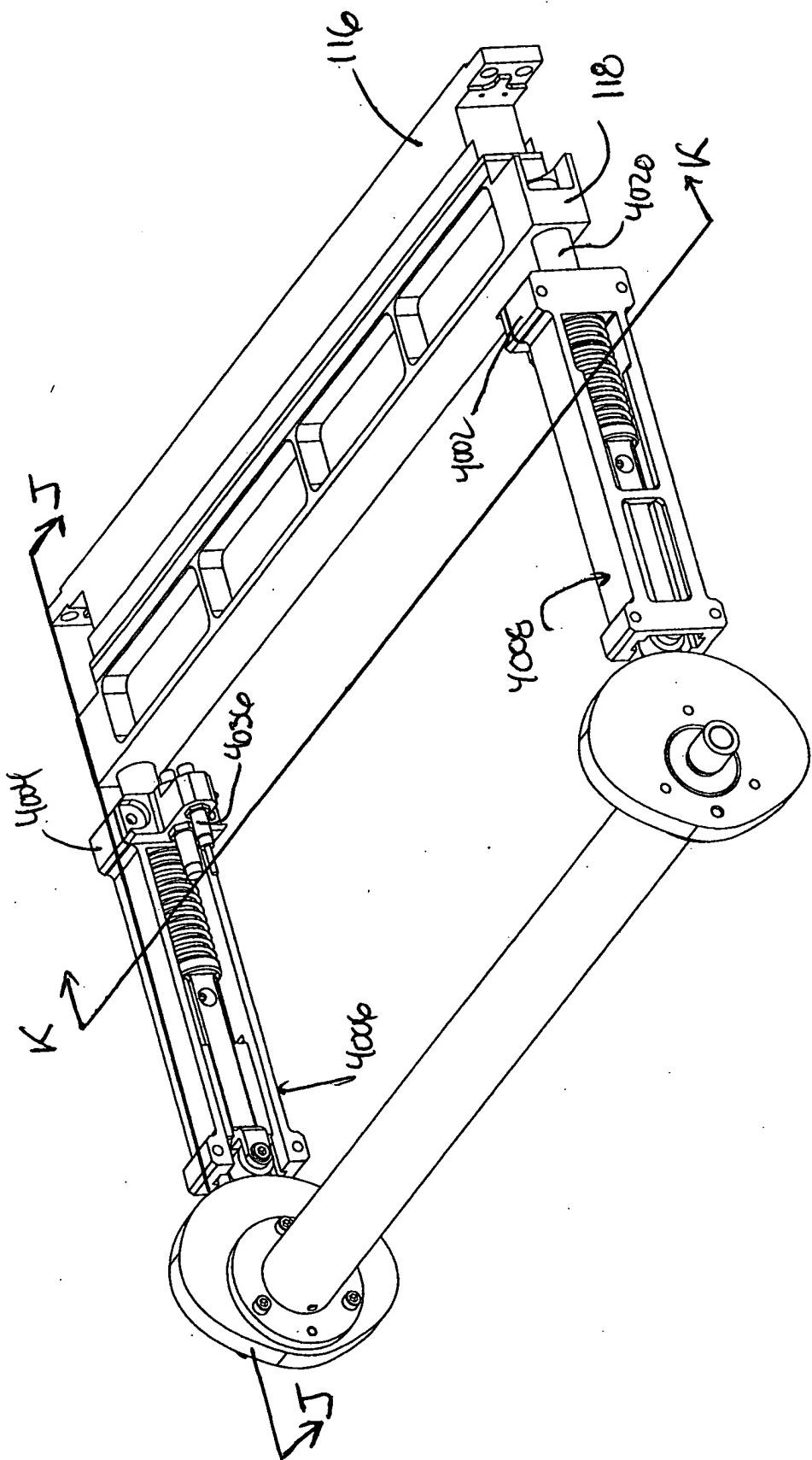


FIG. 9H

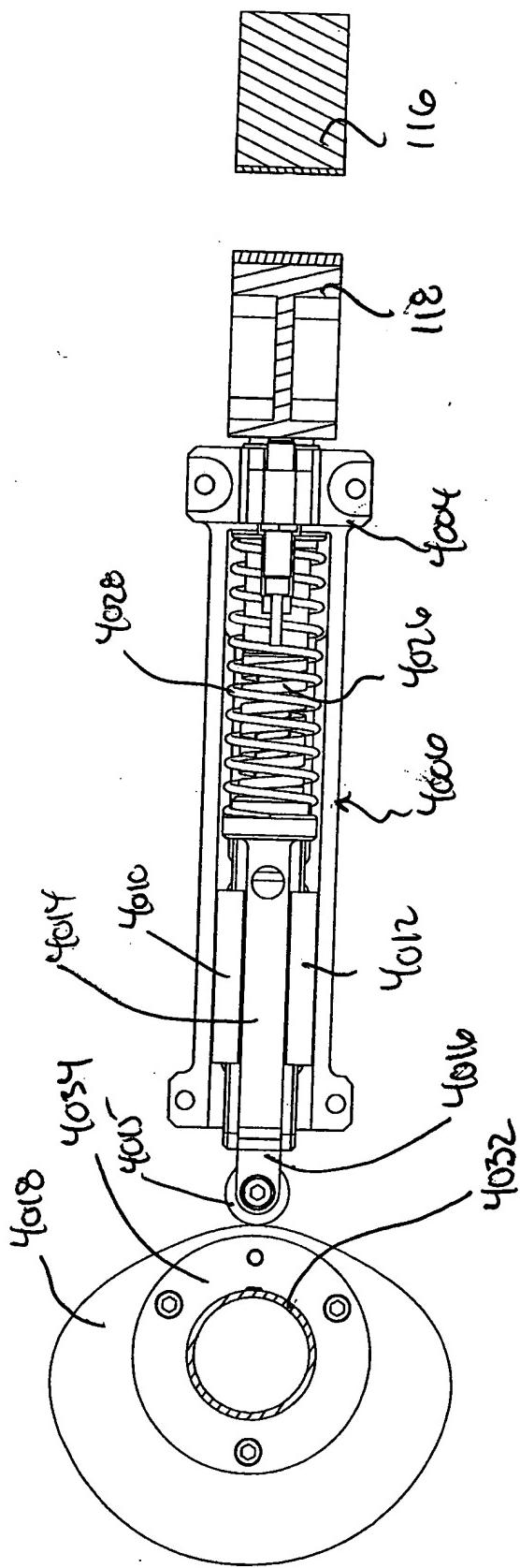


Fig. 9T

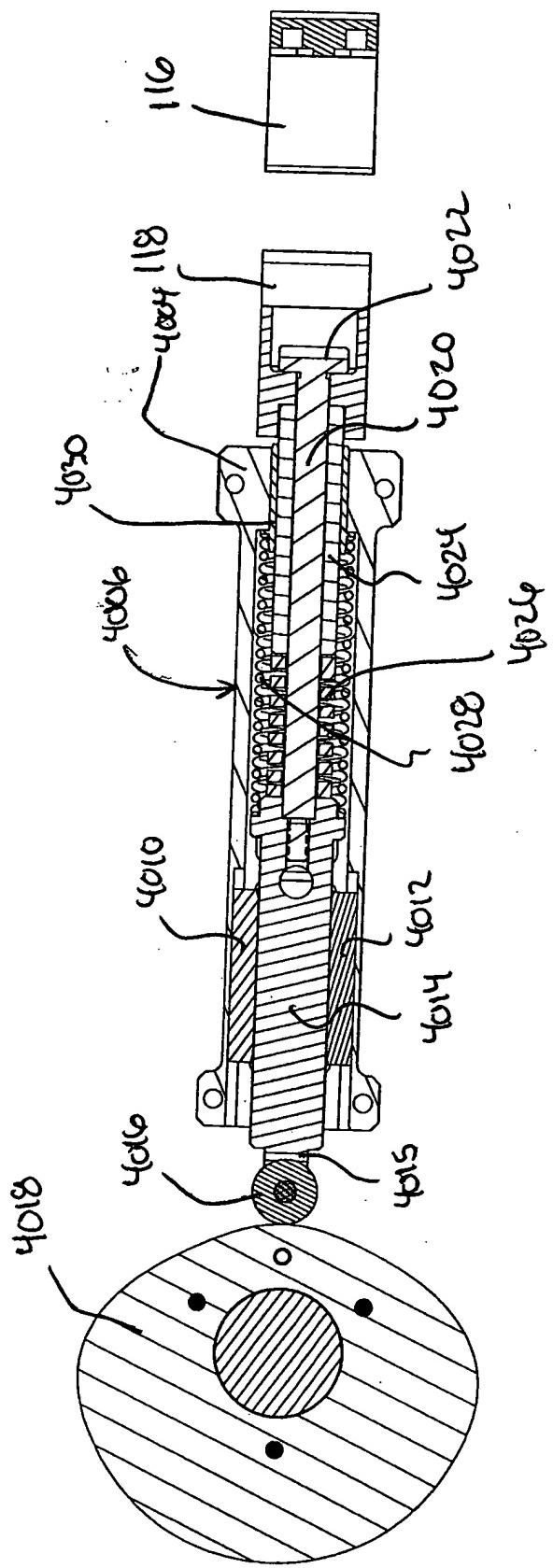


FIG. 95

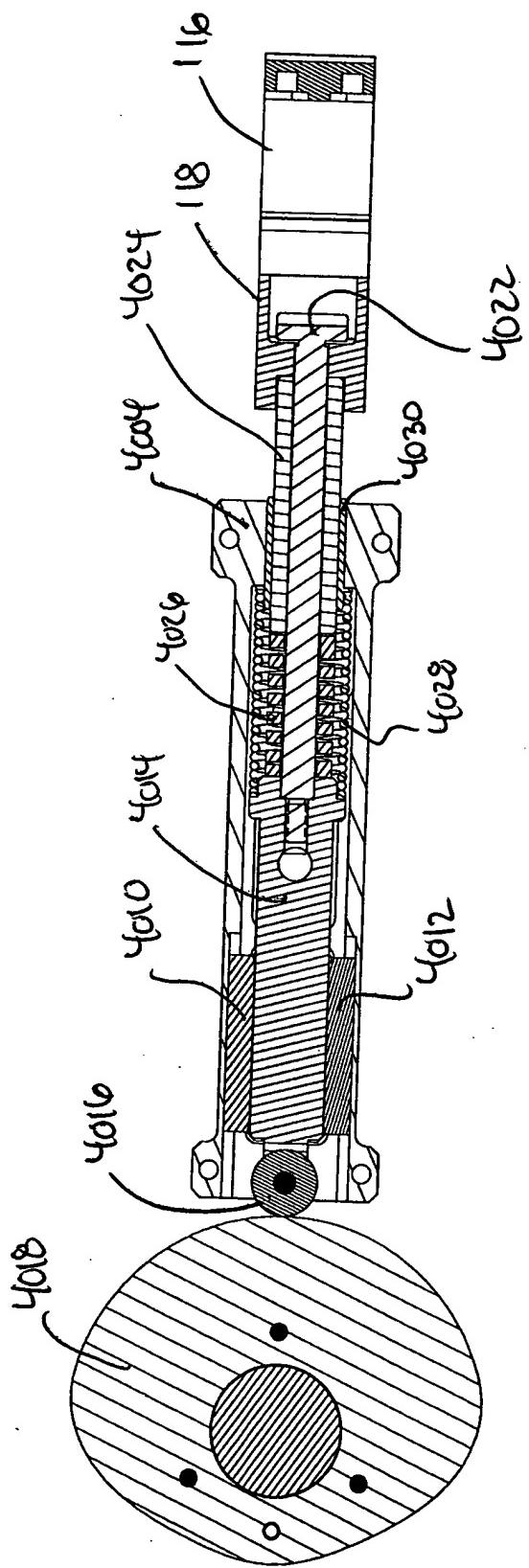


FIG. 9K

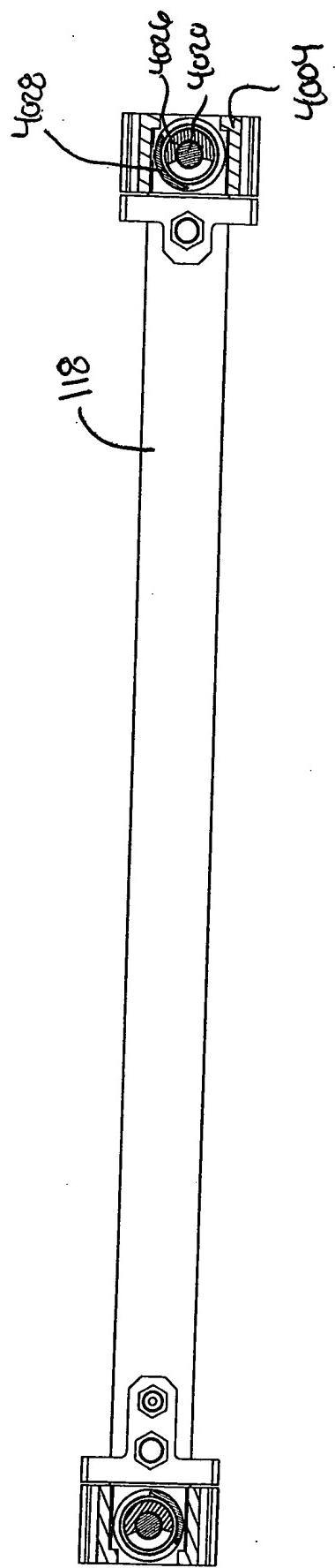
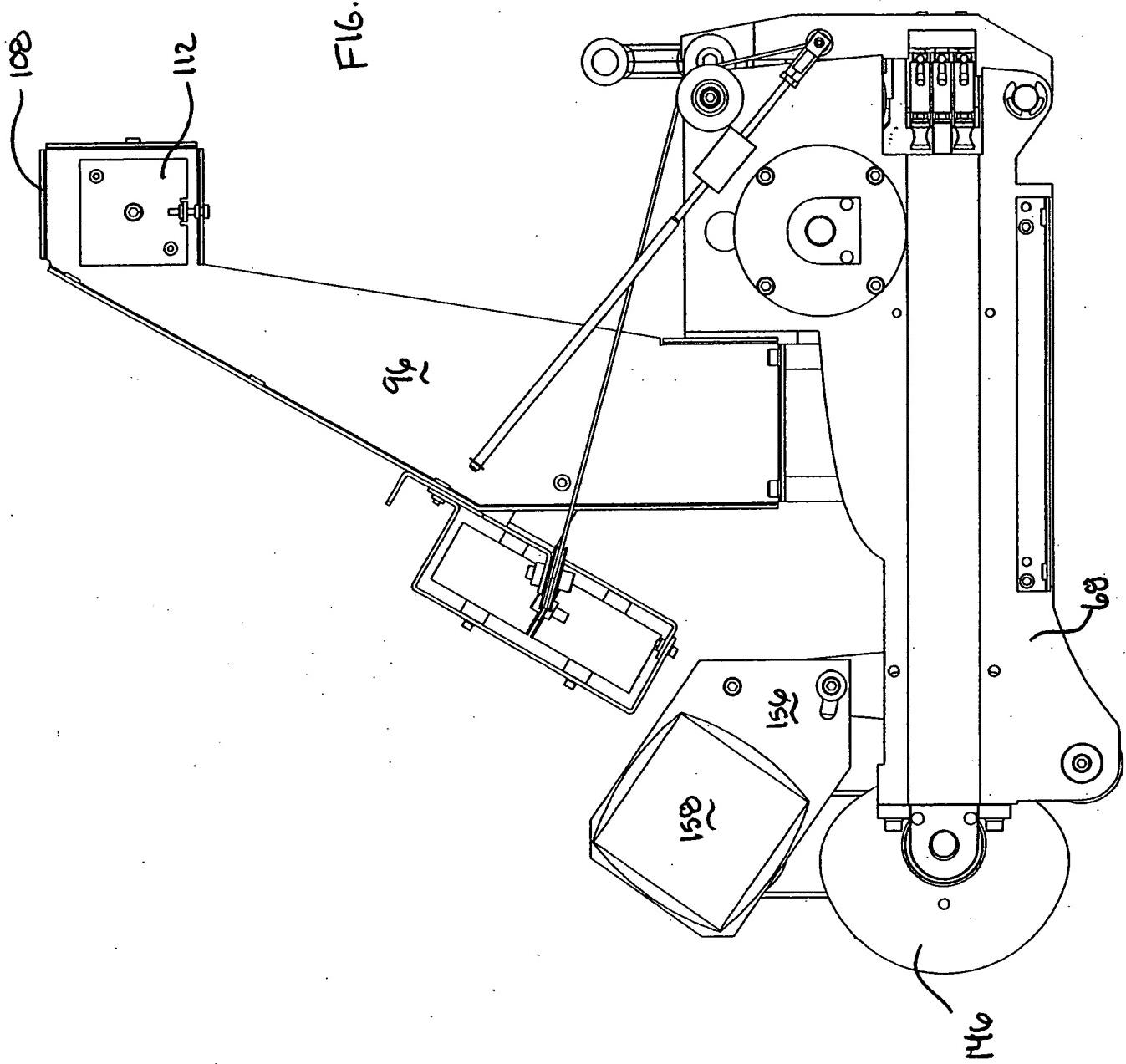
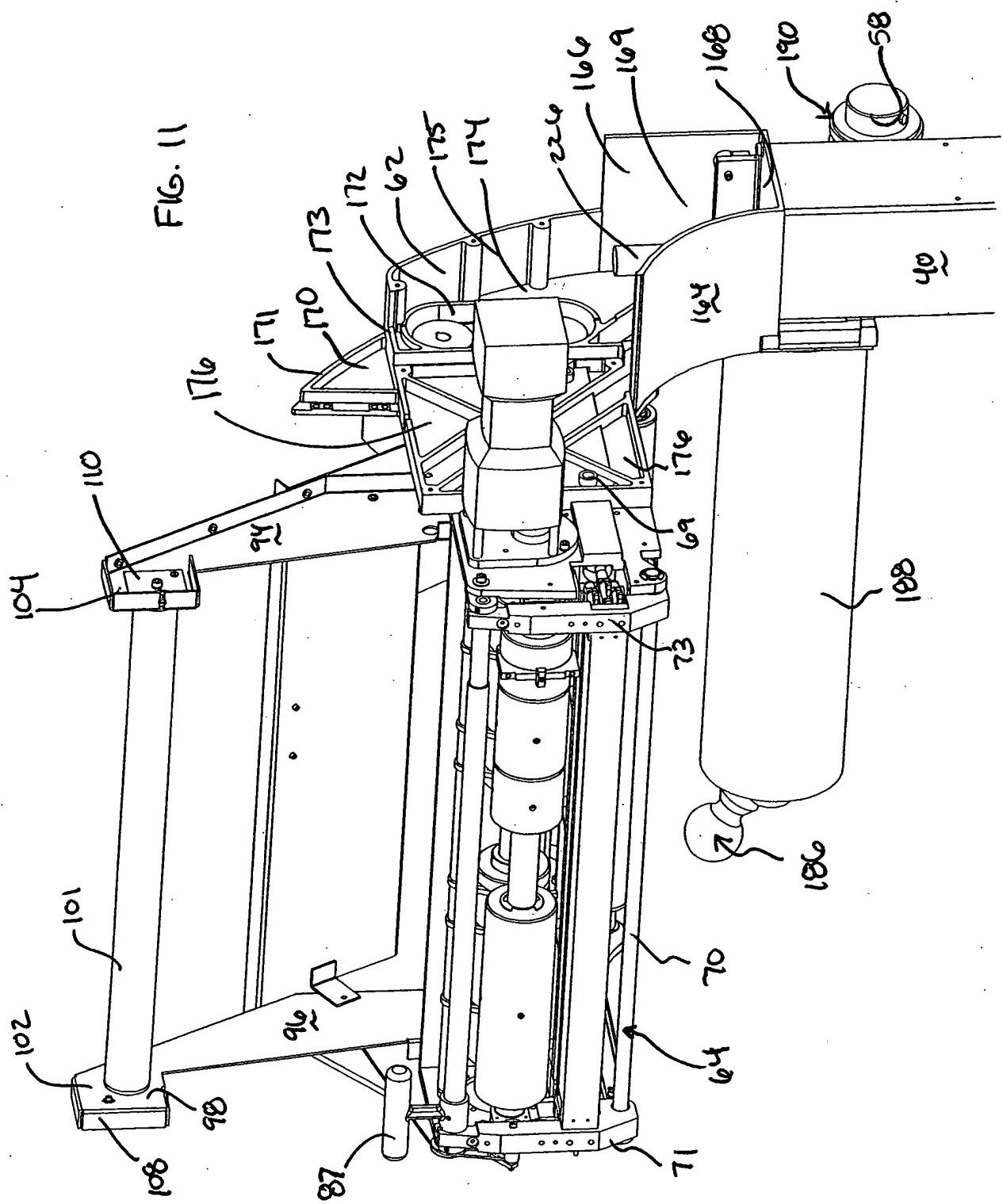


FIG. 10



二
Fig.



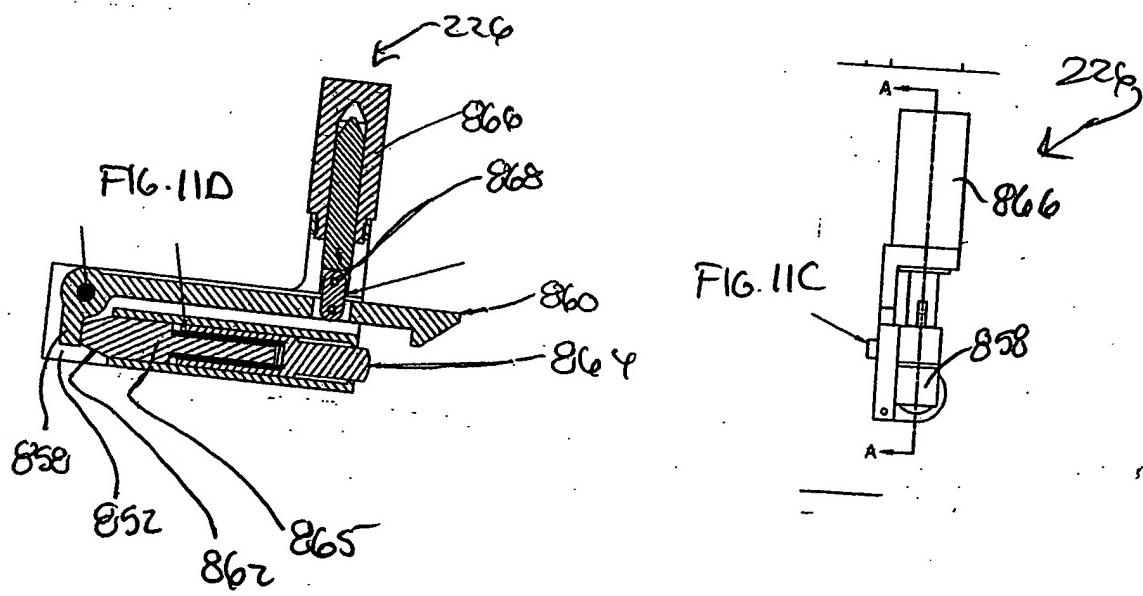
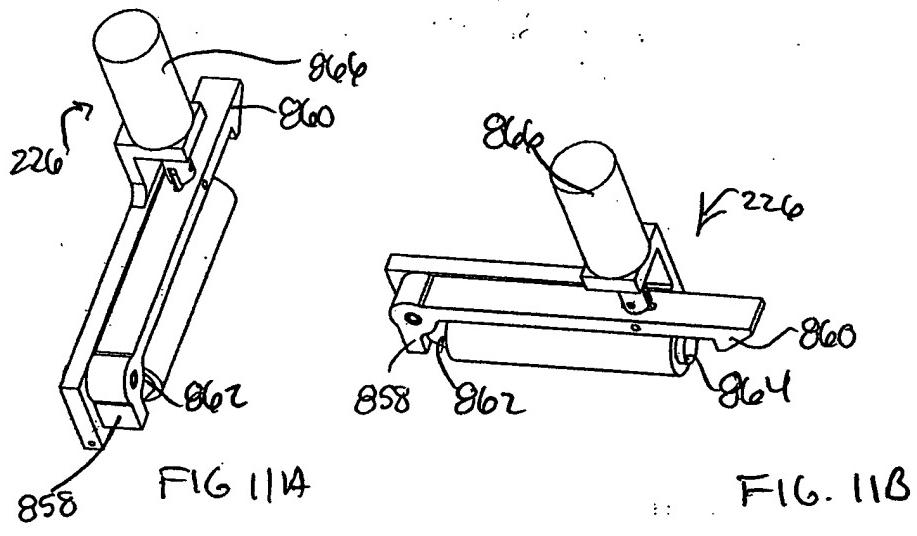


FIG. 12

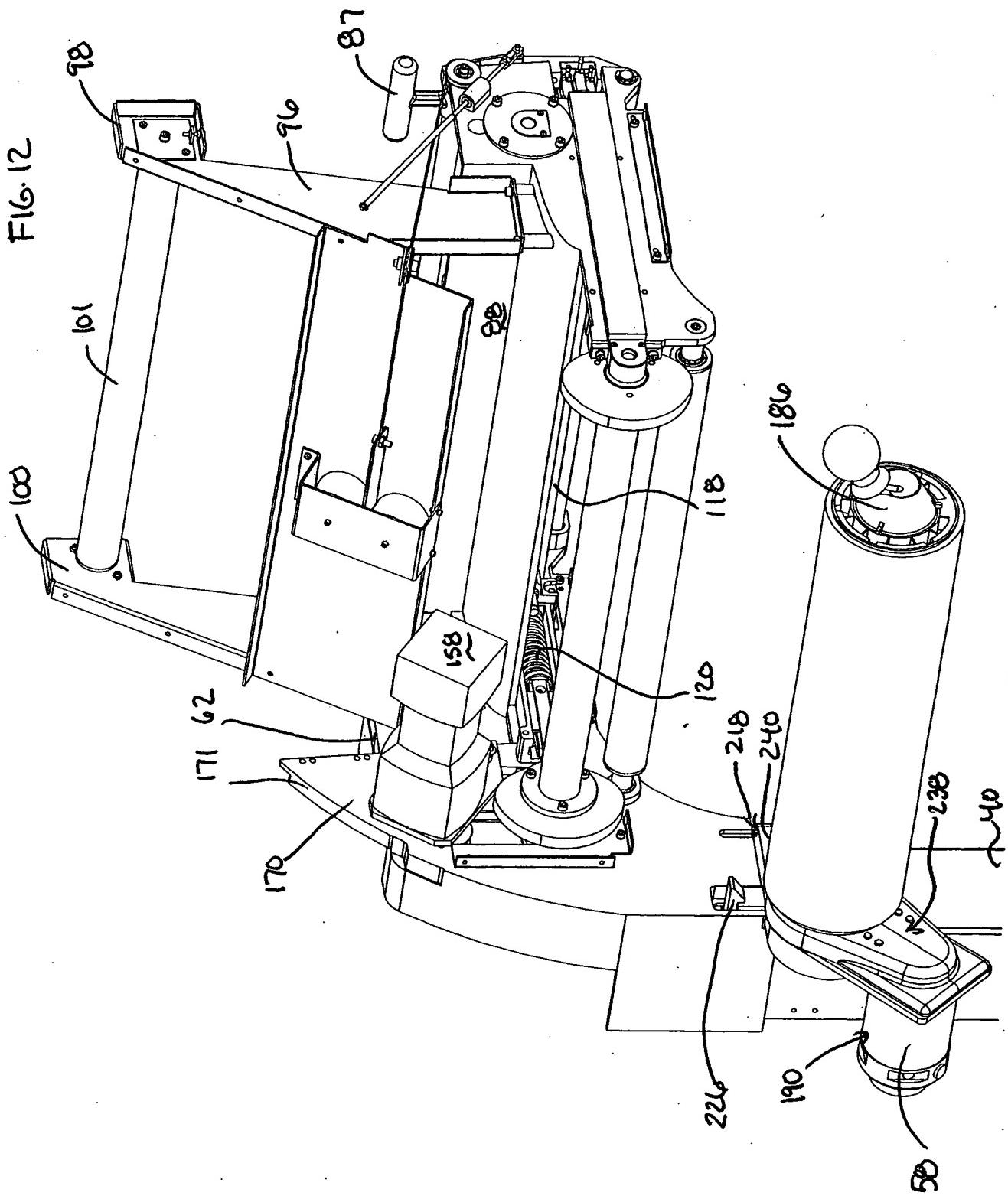


FIG. 13

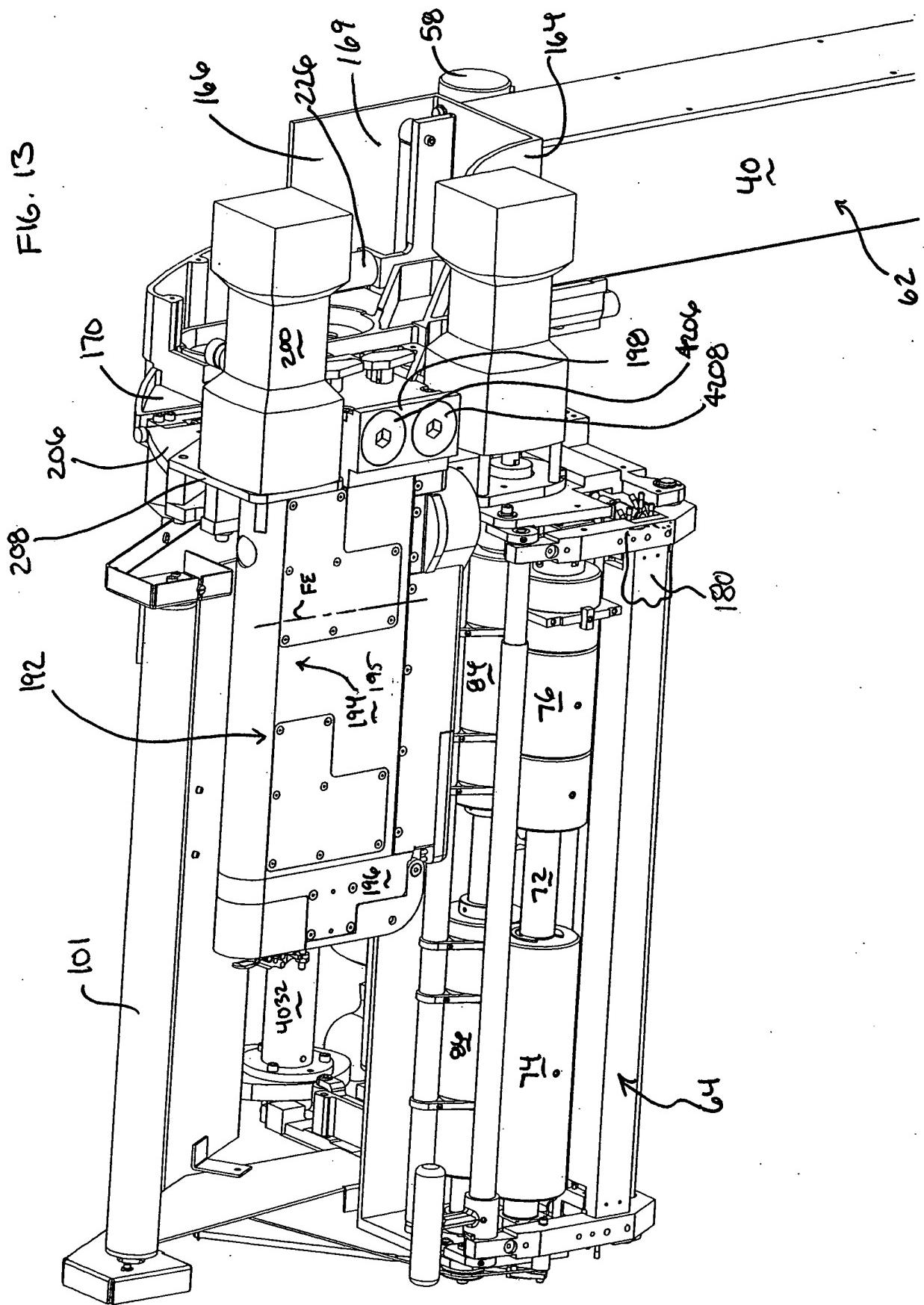


FIG. 14A

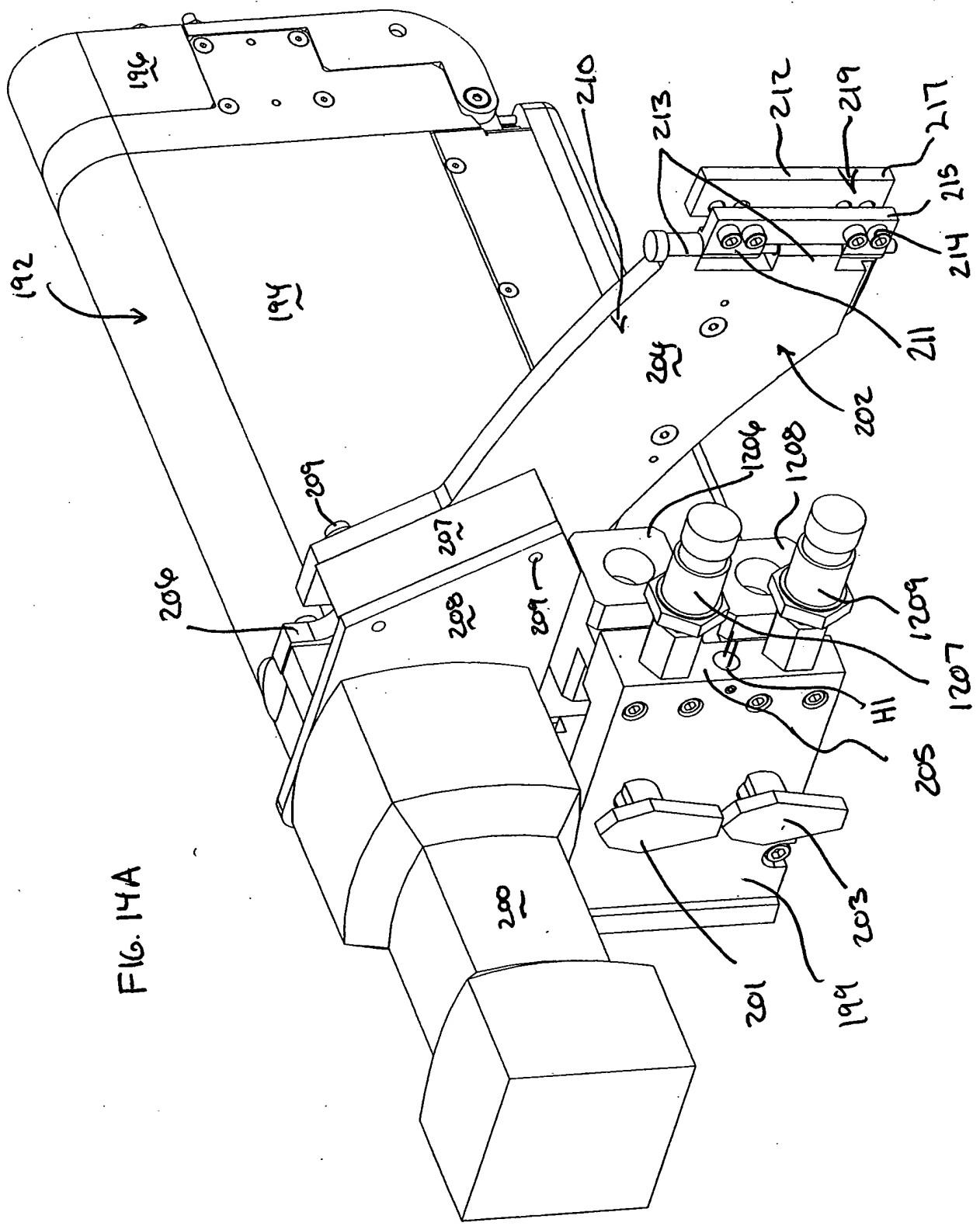


FIG. 146

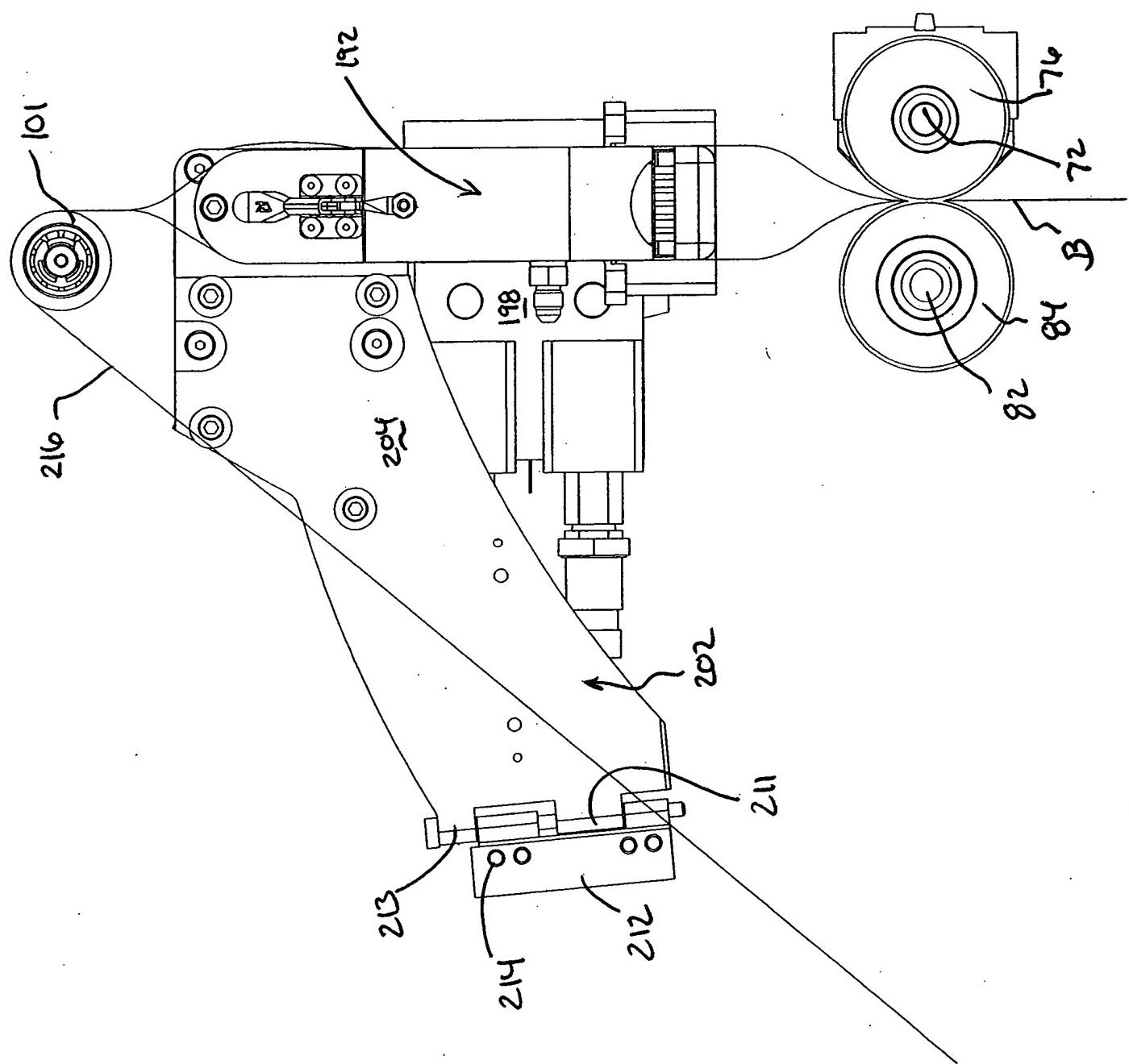


FIG 15A

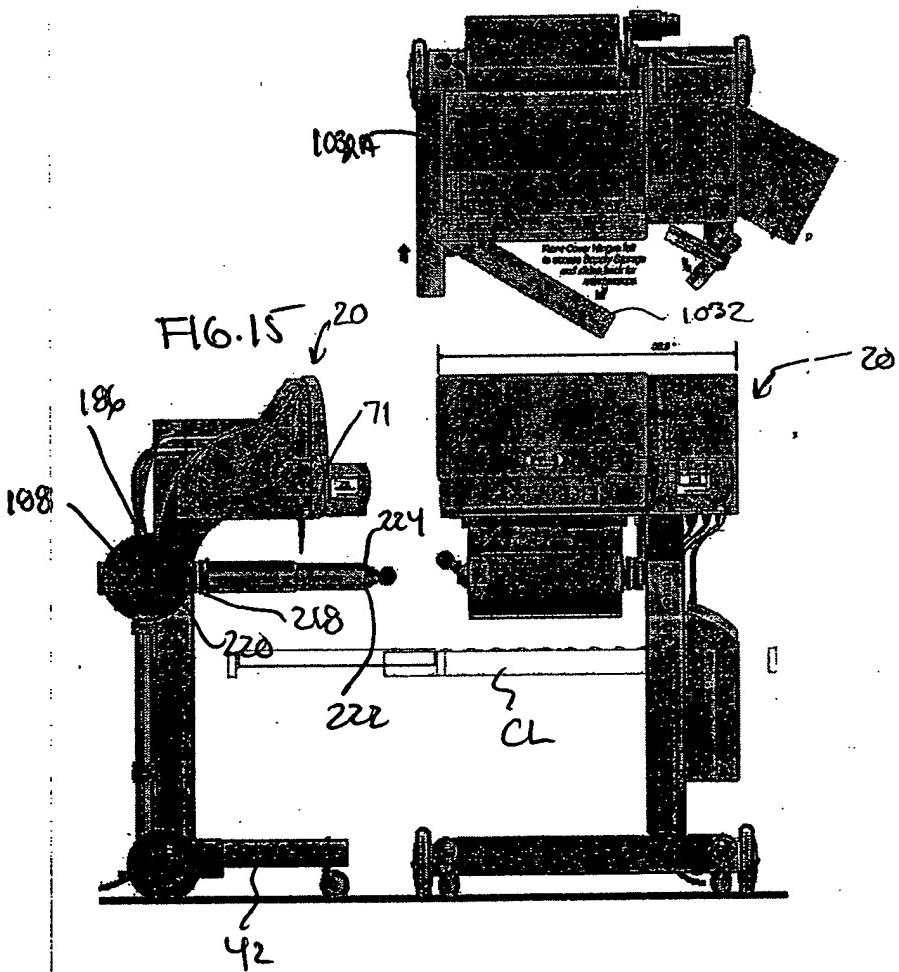
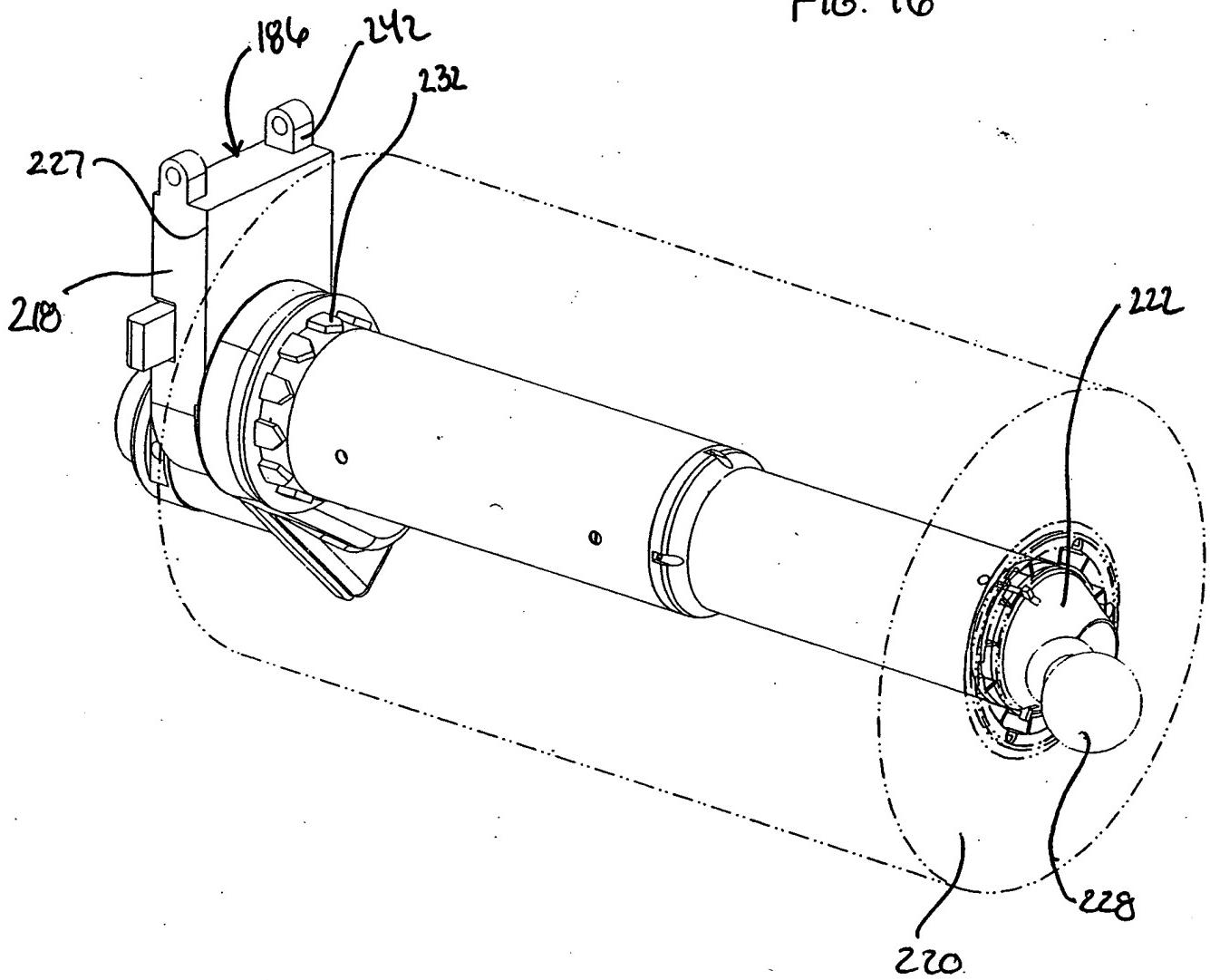
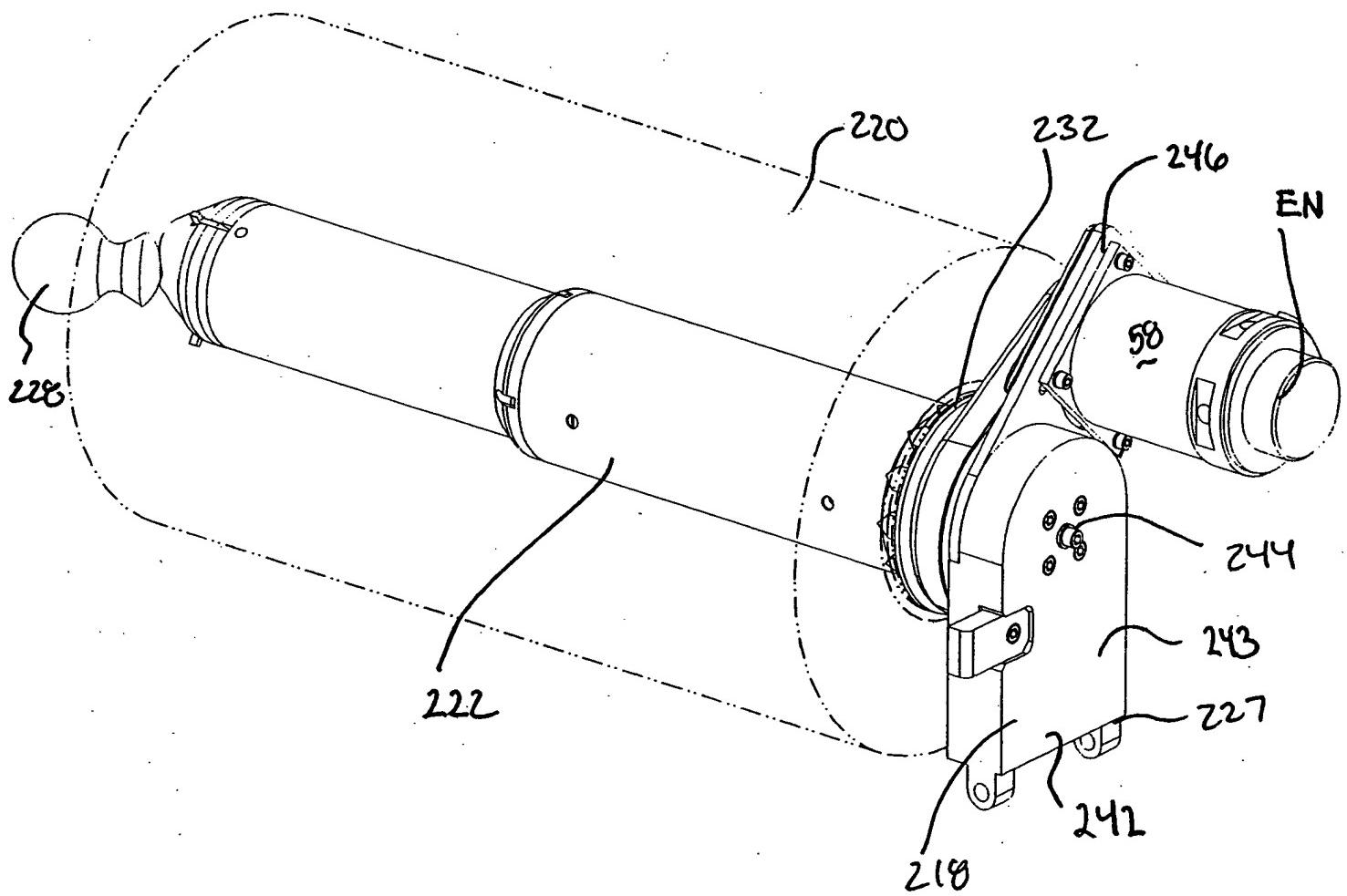


FIG 15B

FIG. 16



F16.17



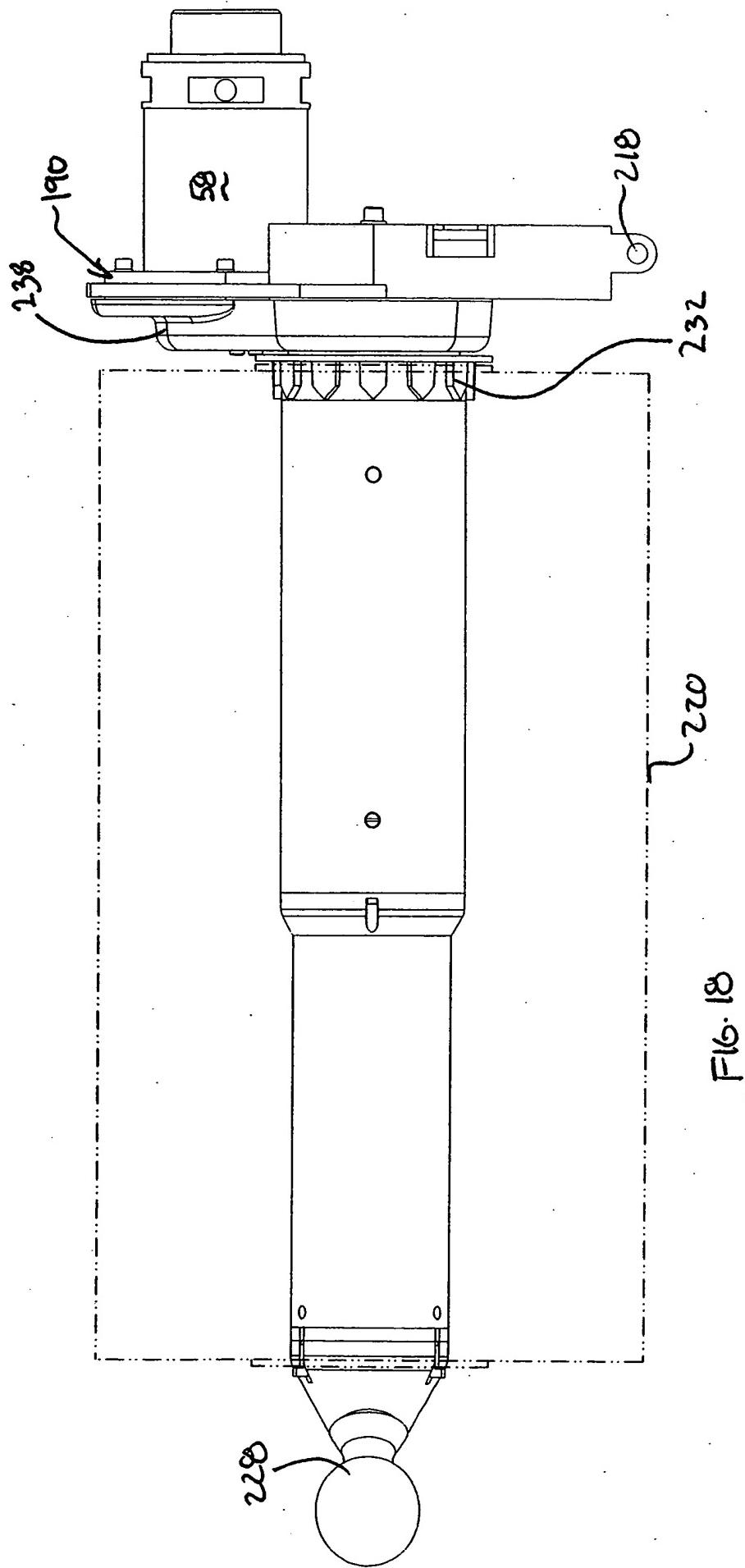
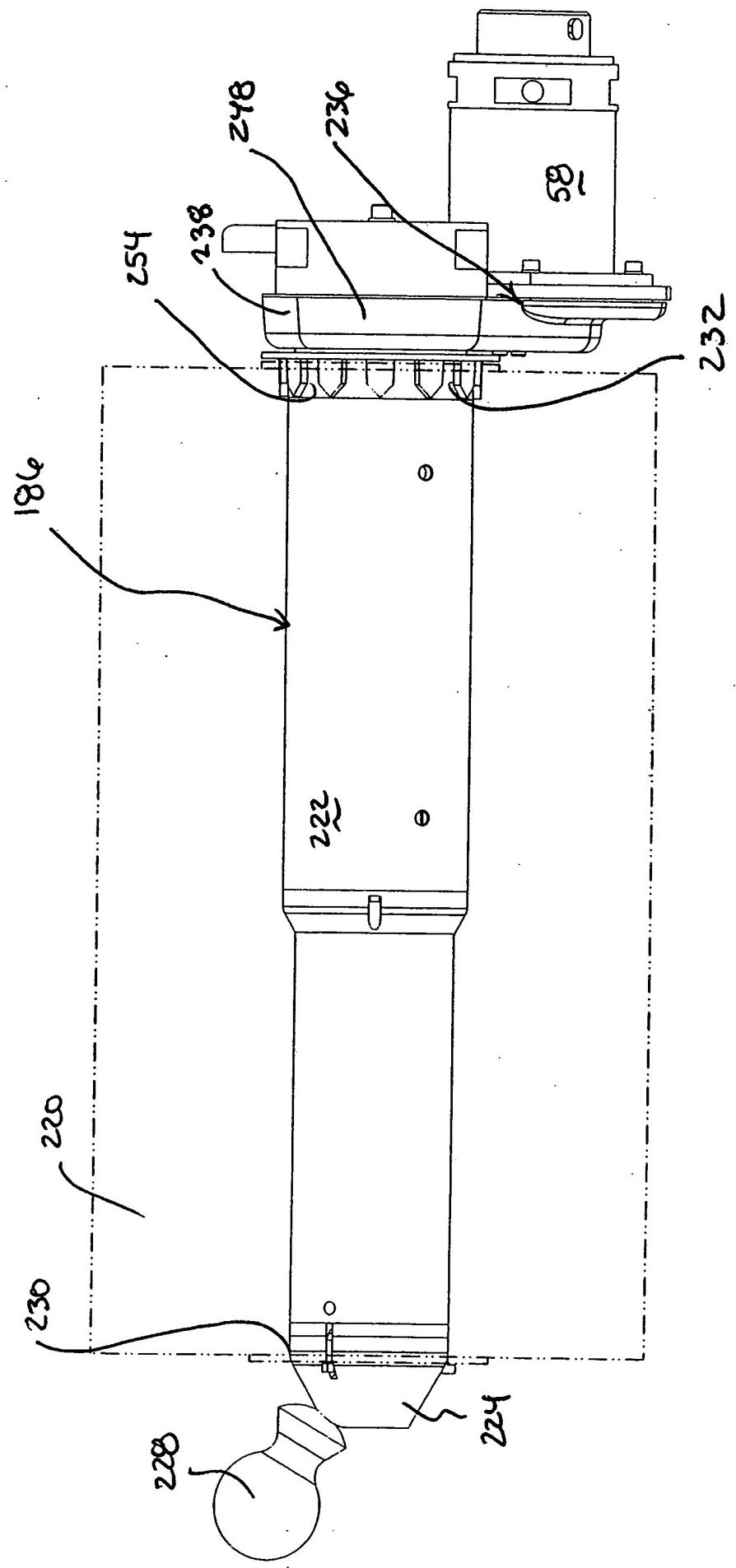


FIG. 18



F16.19

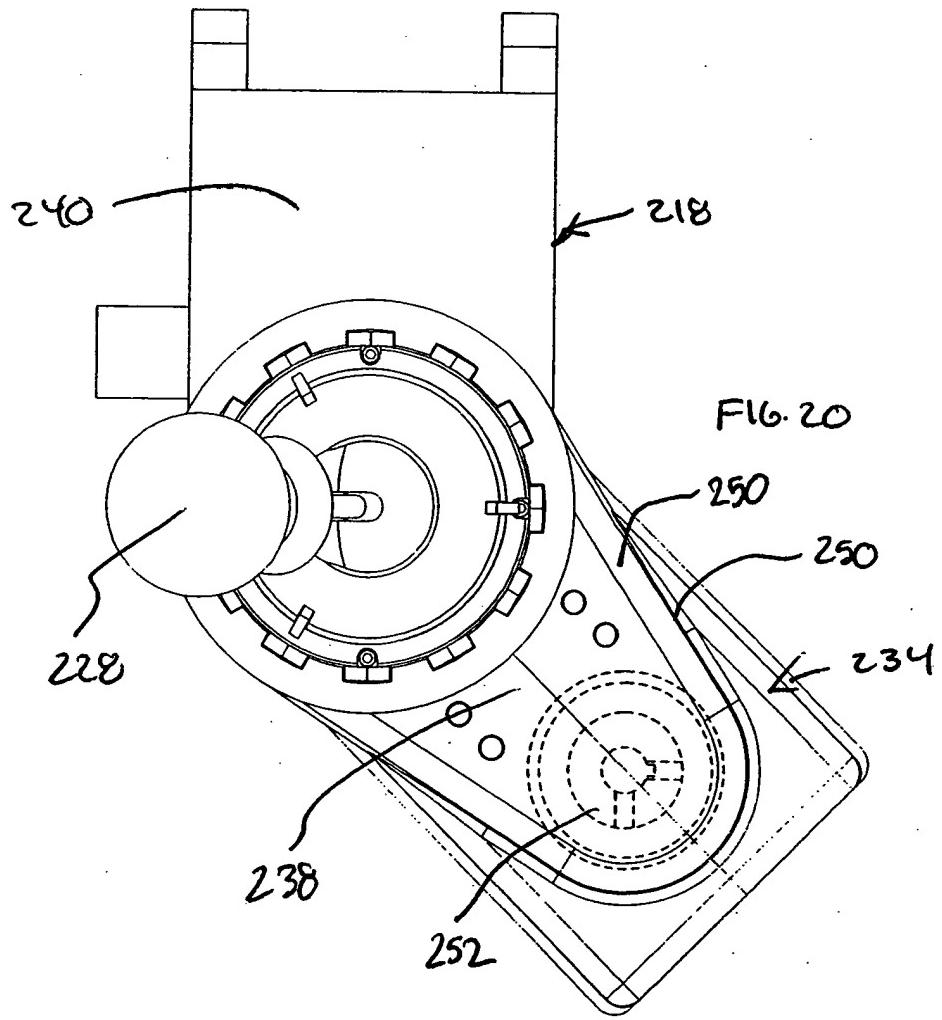


FIG. 21

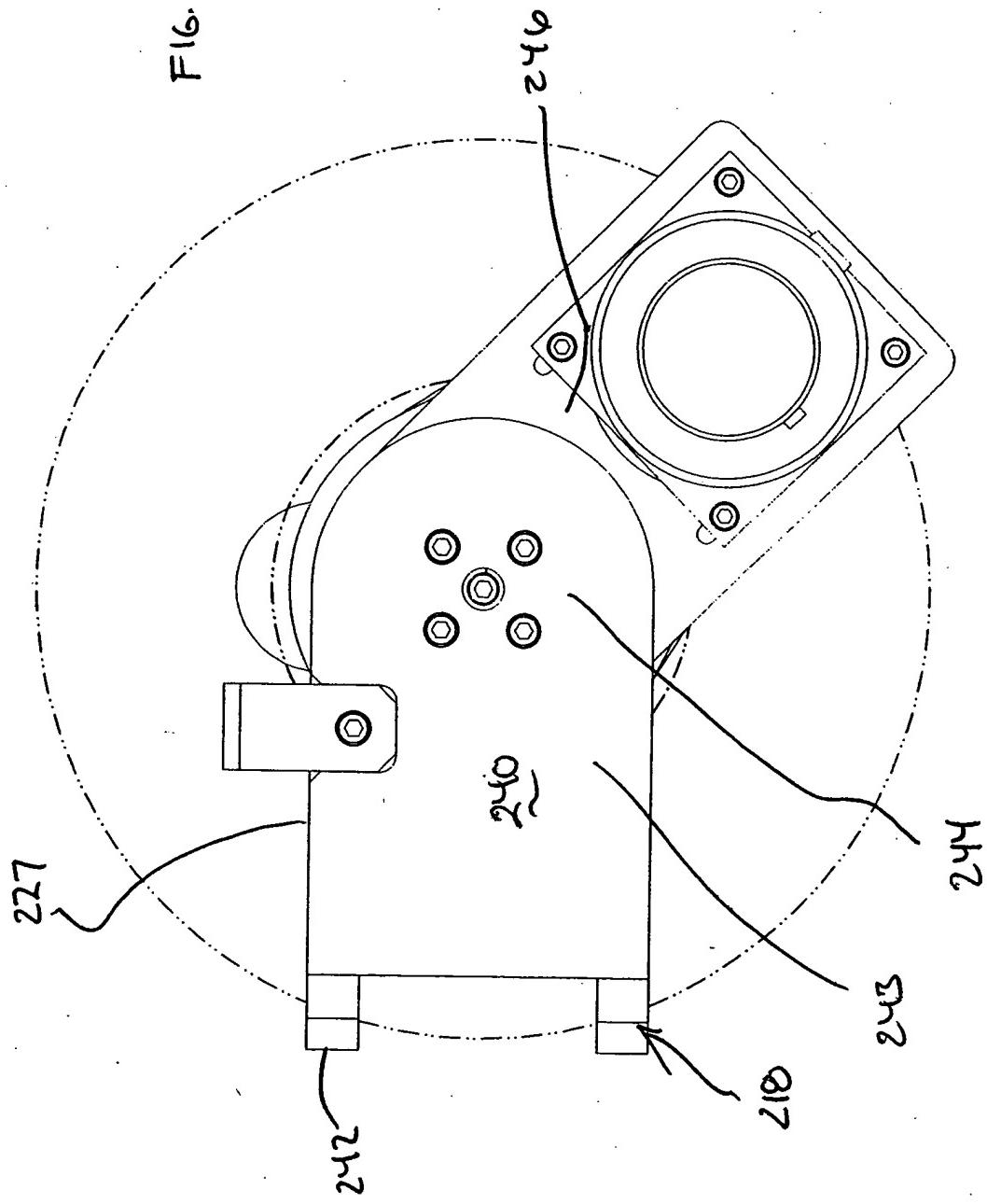
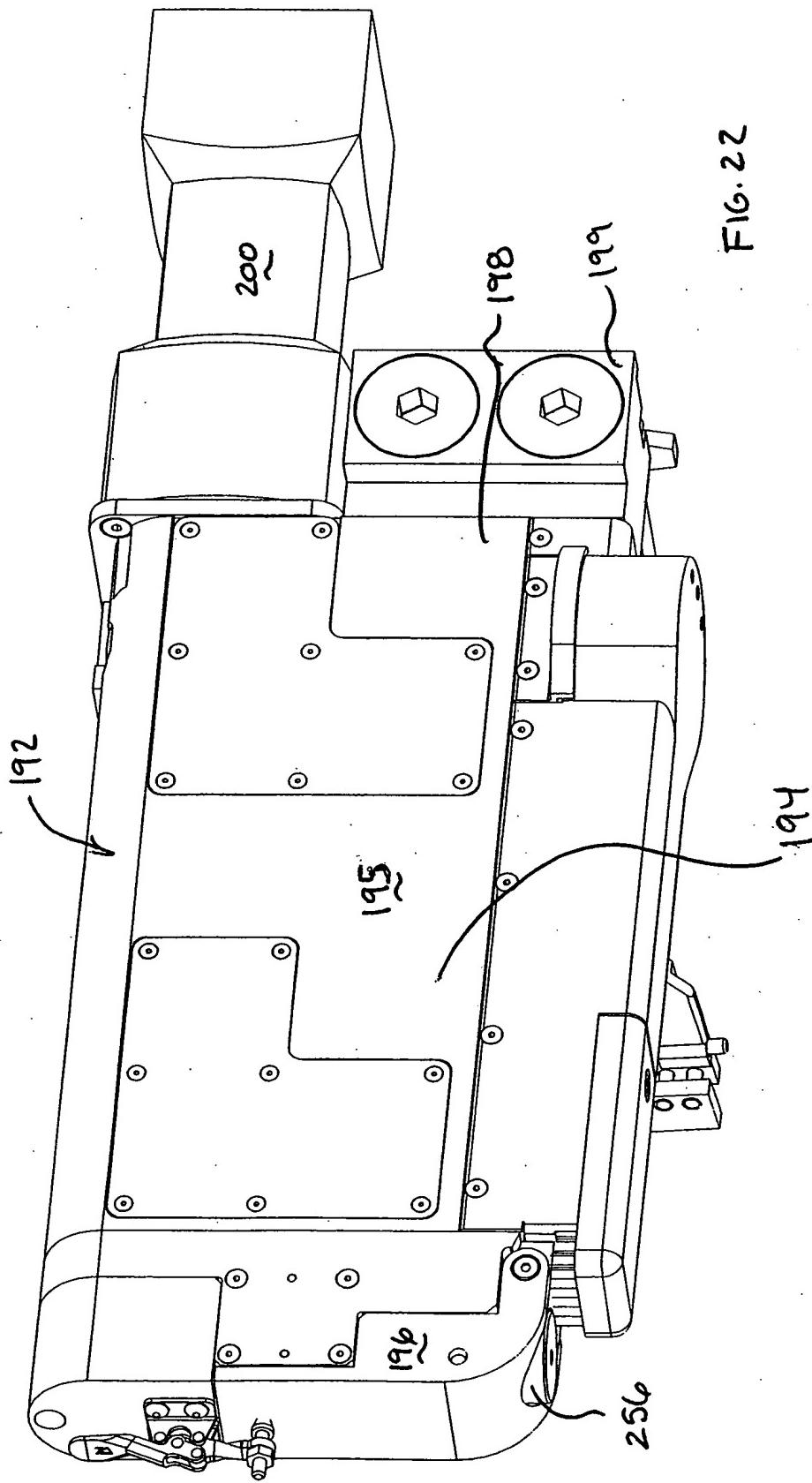
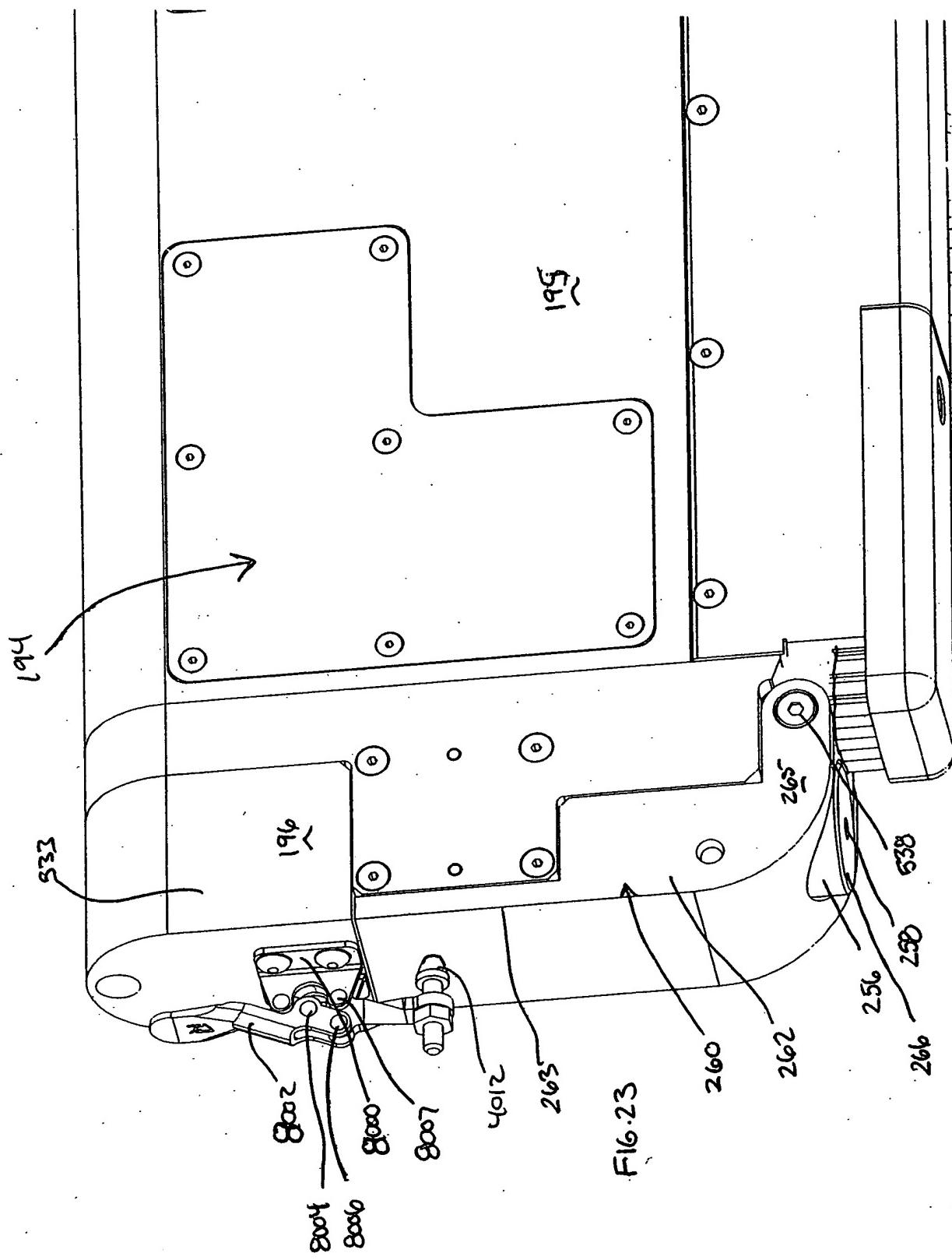


FIG. 22





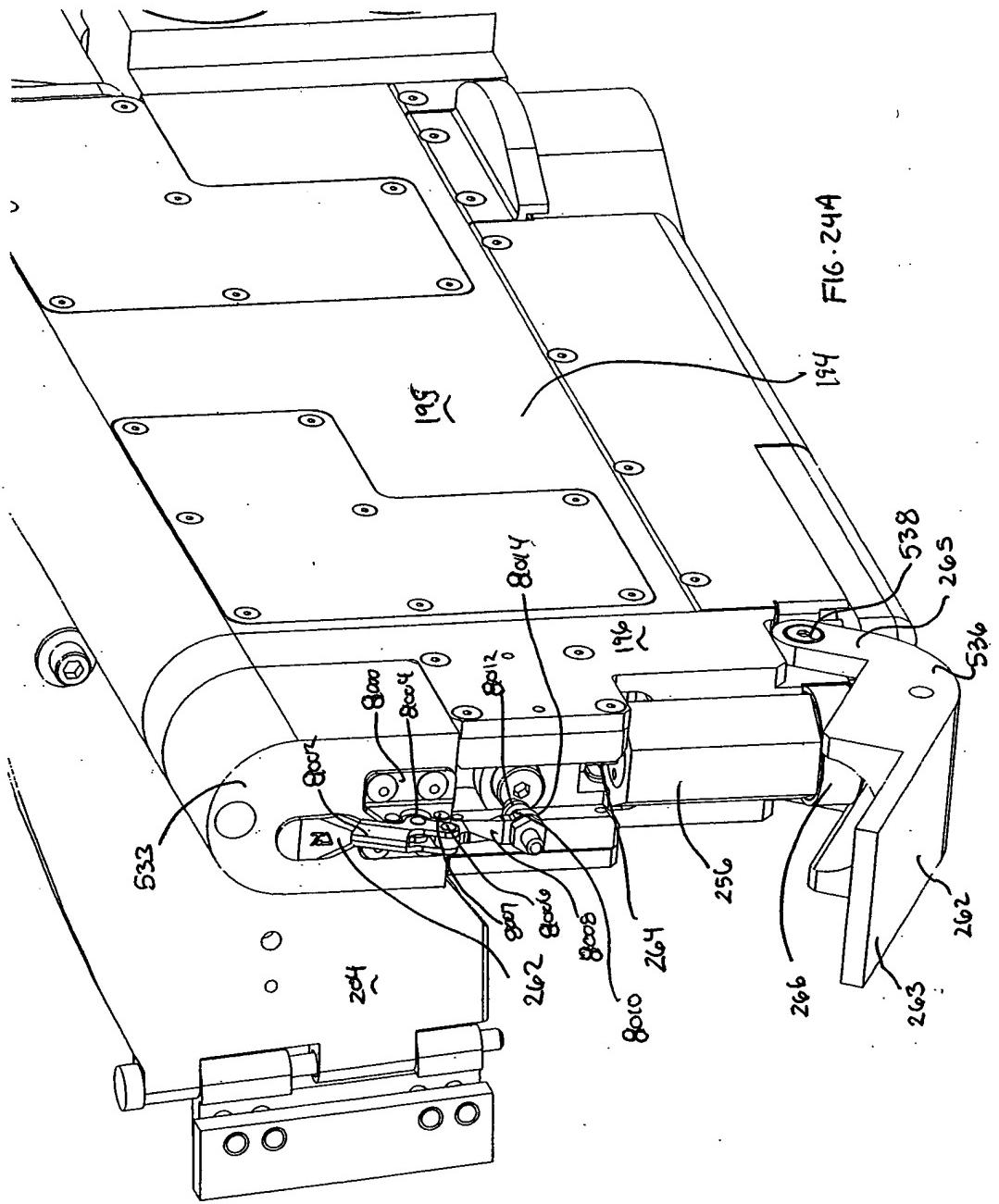


FIG. 24B

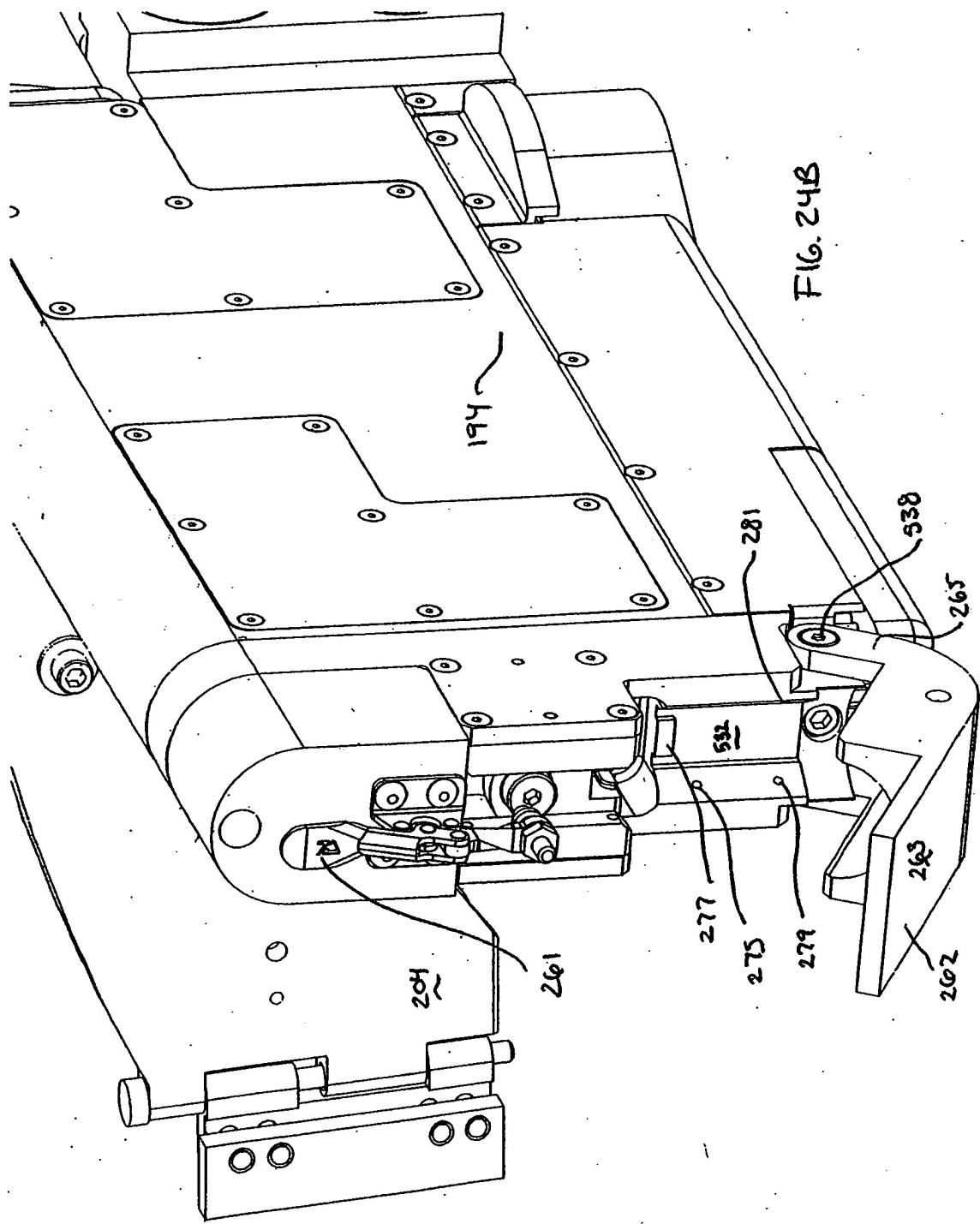
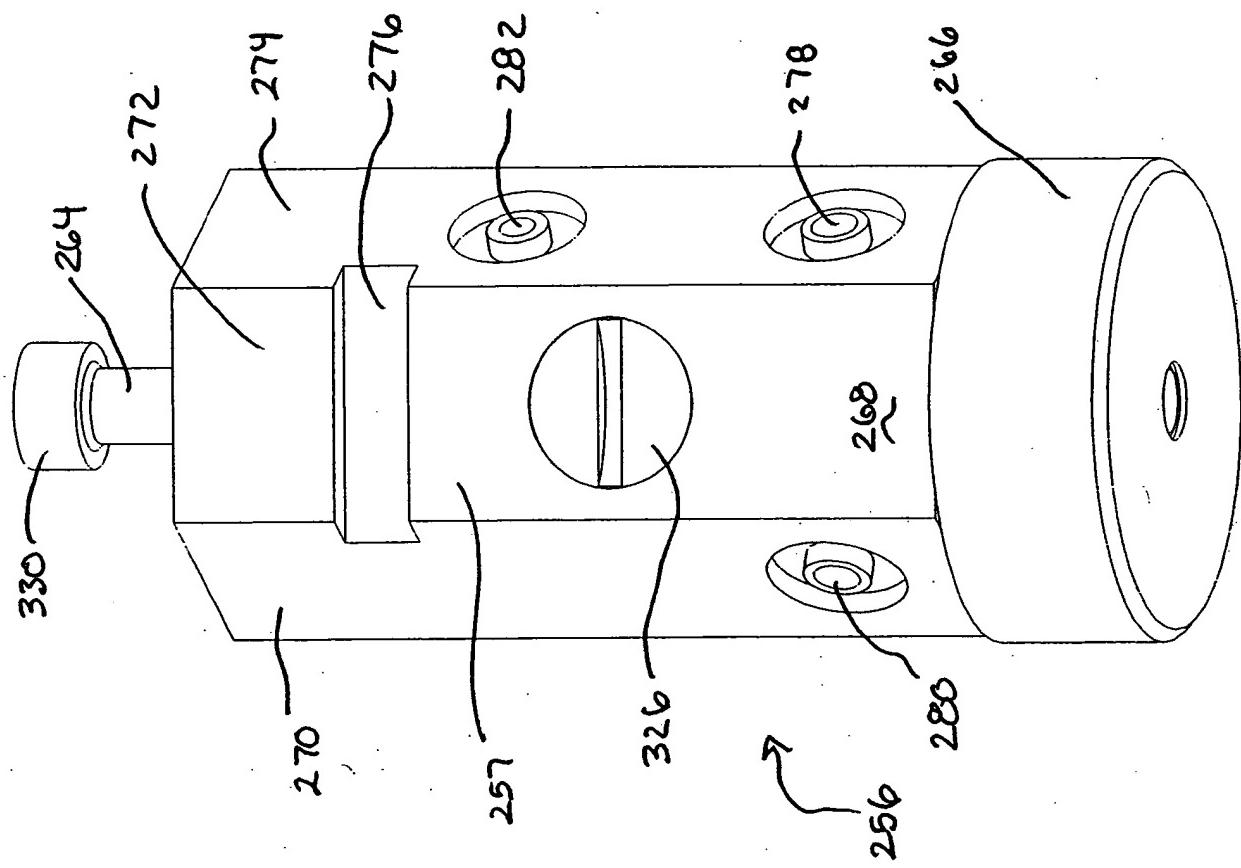
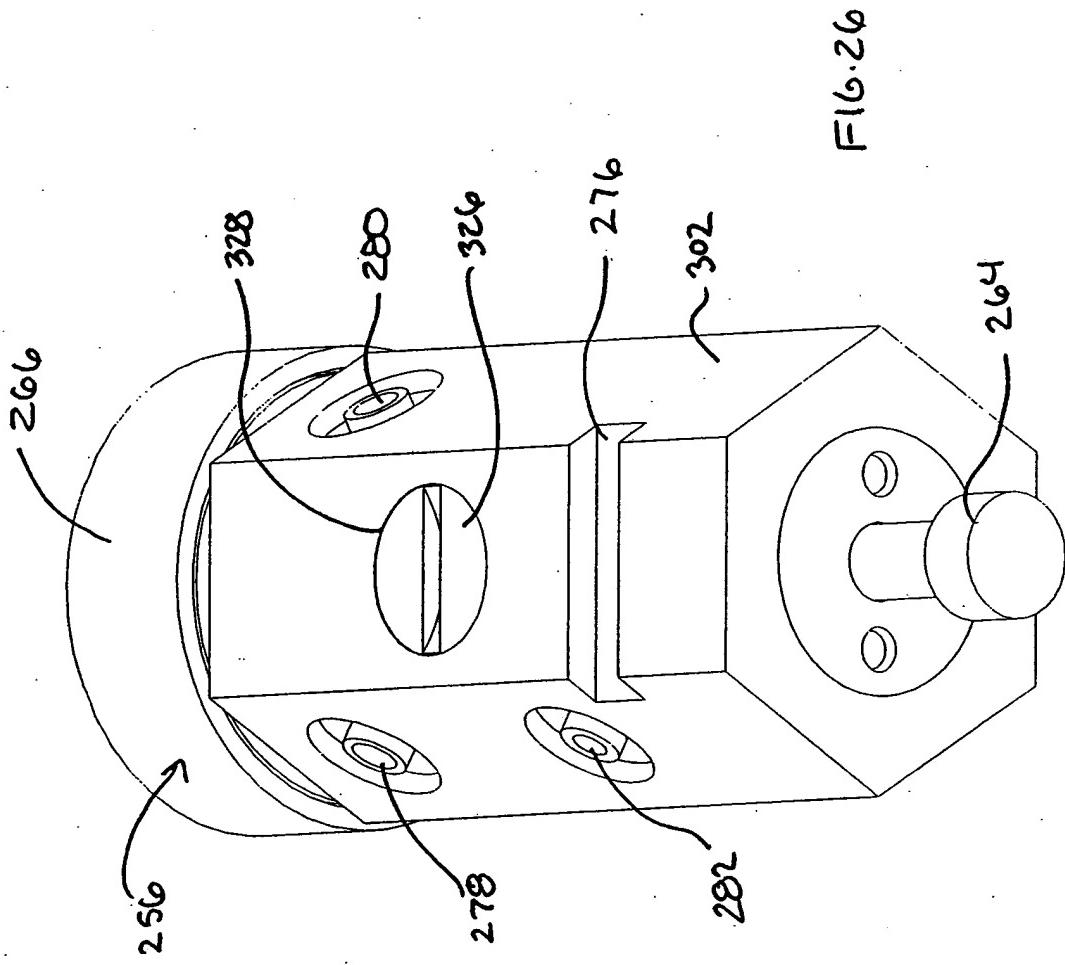
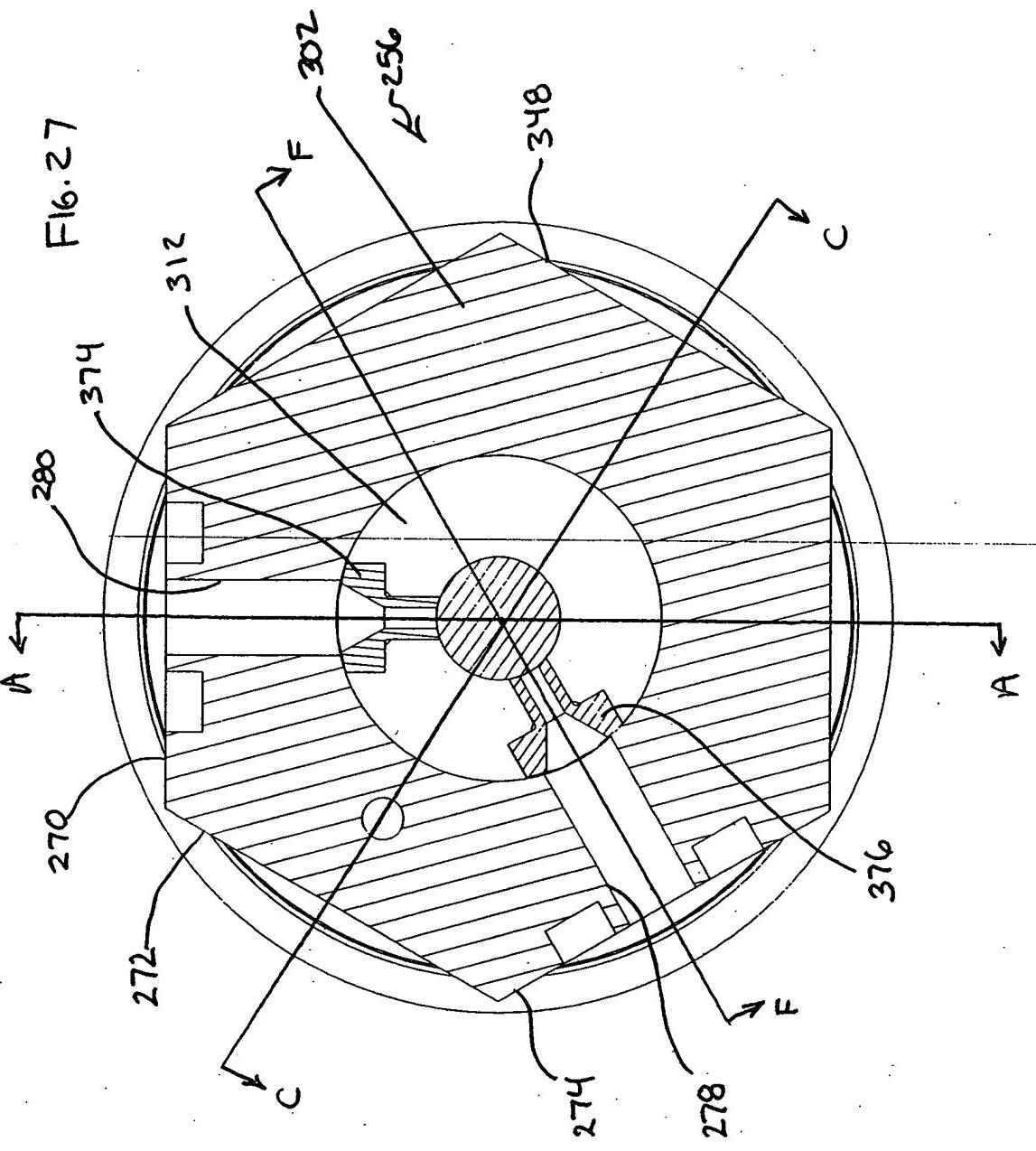
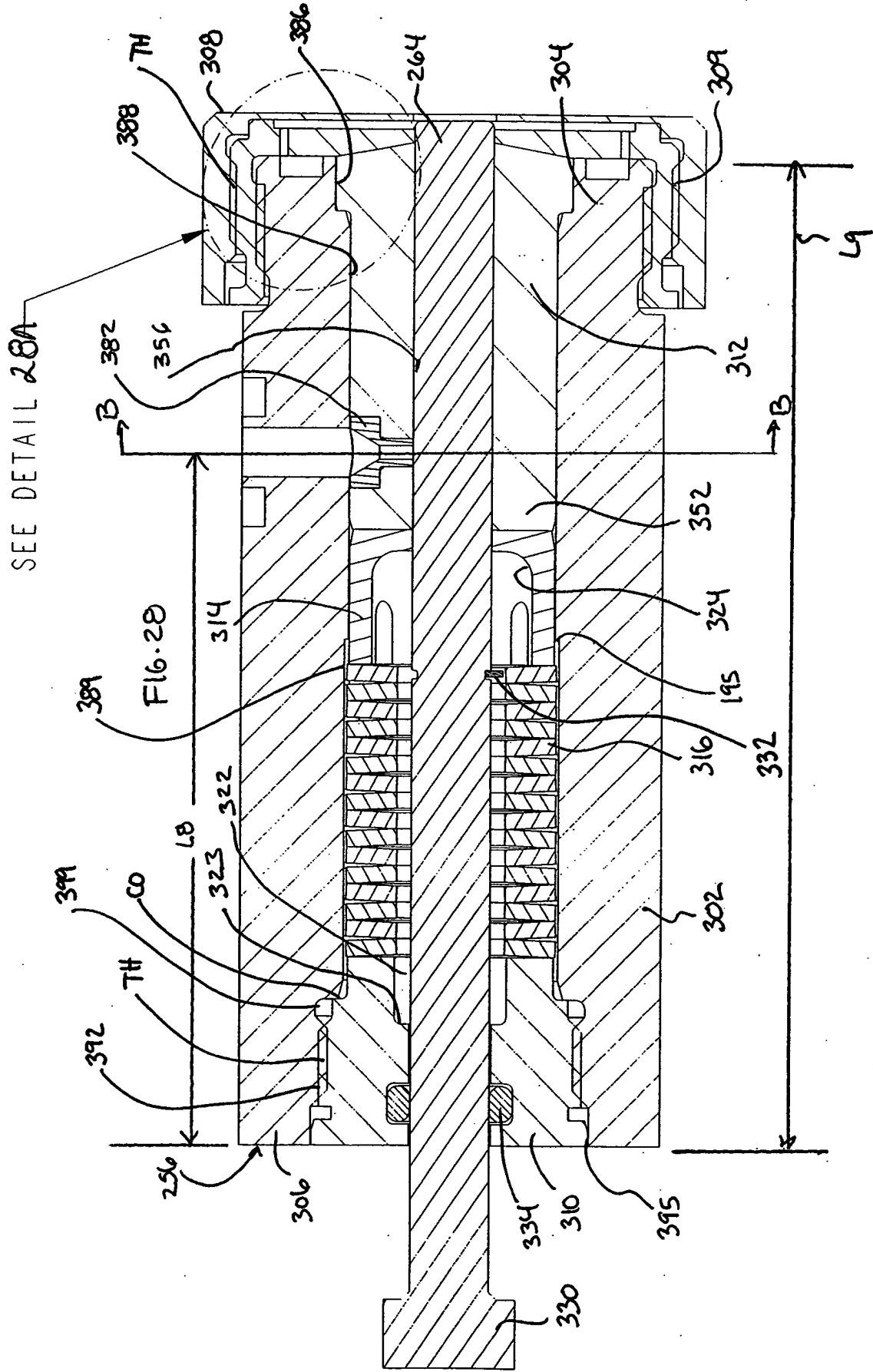


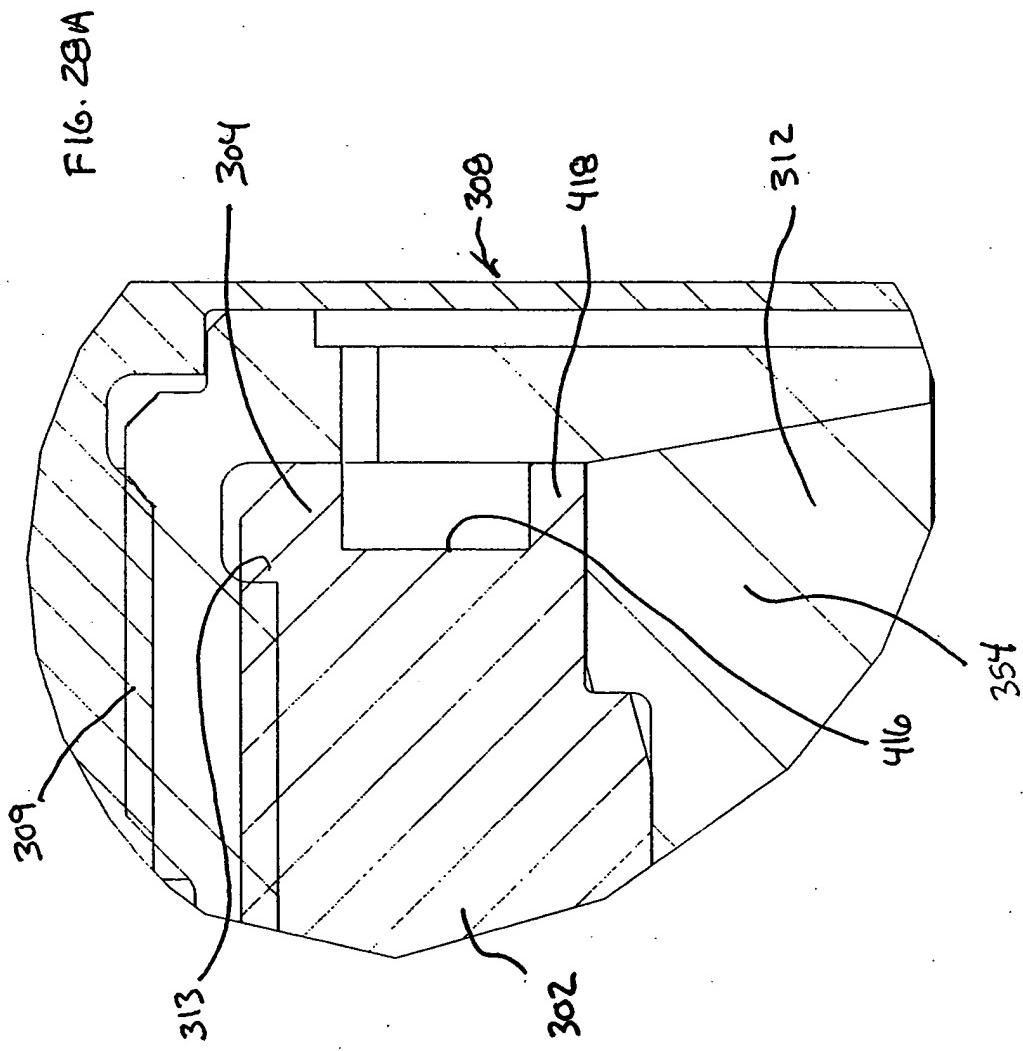
FIG. 25











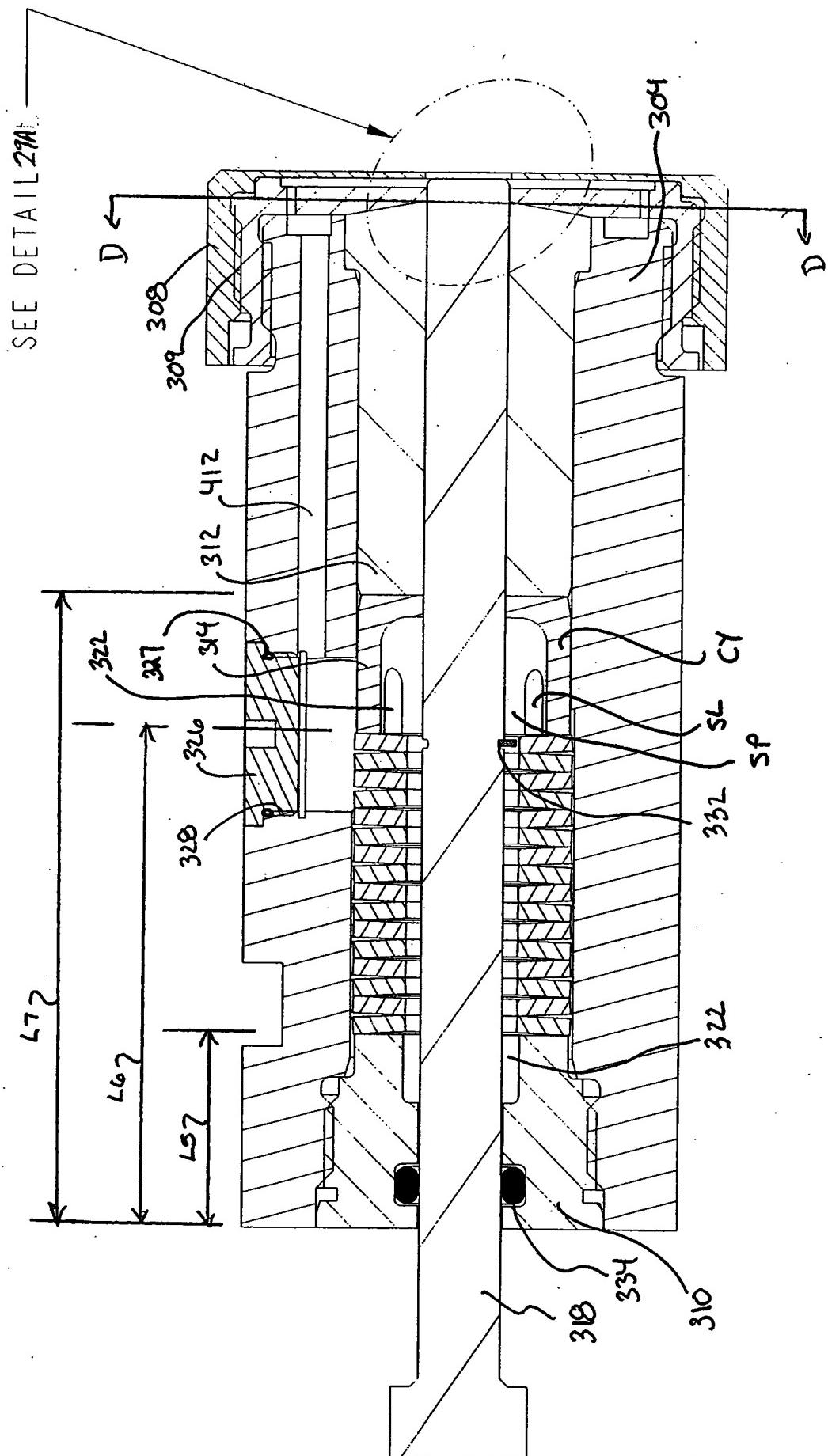


Fig. 29

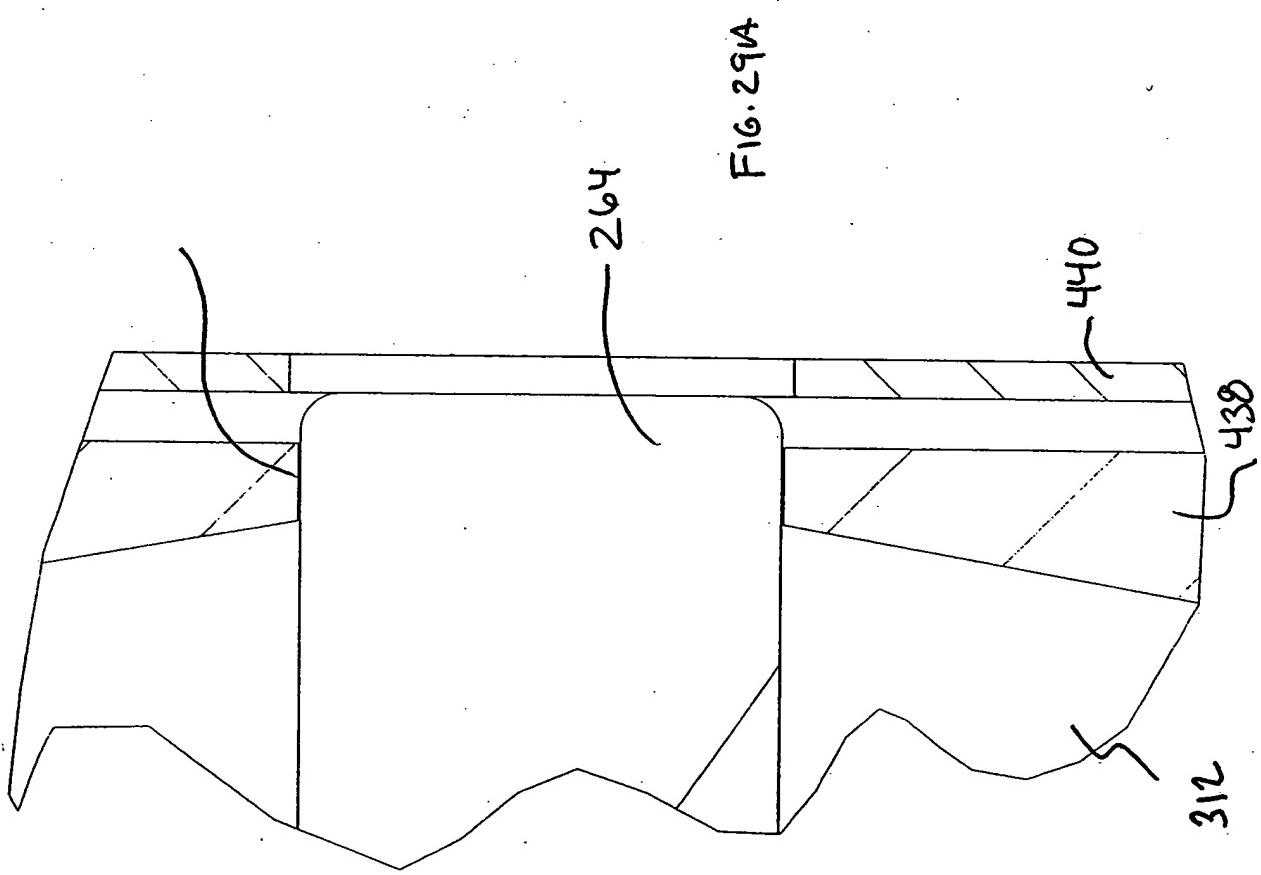
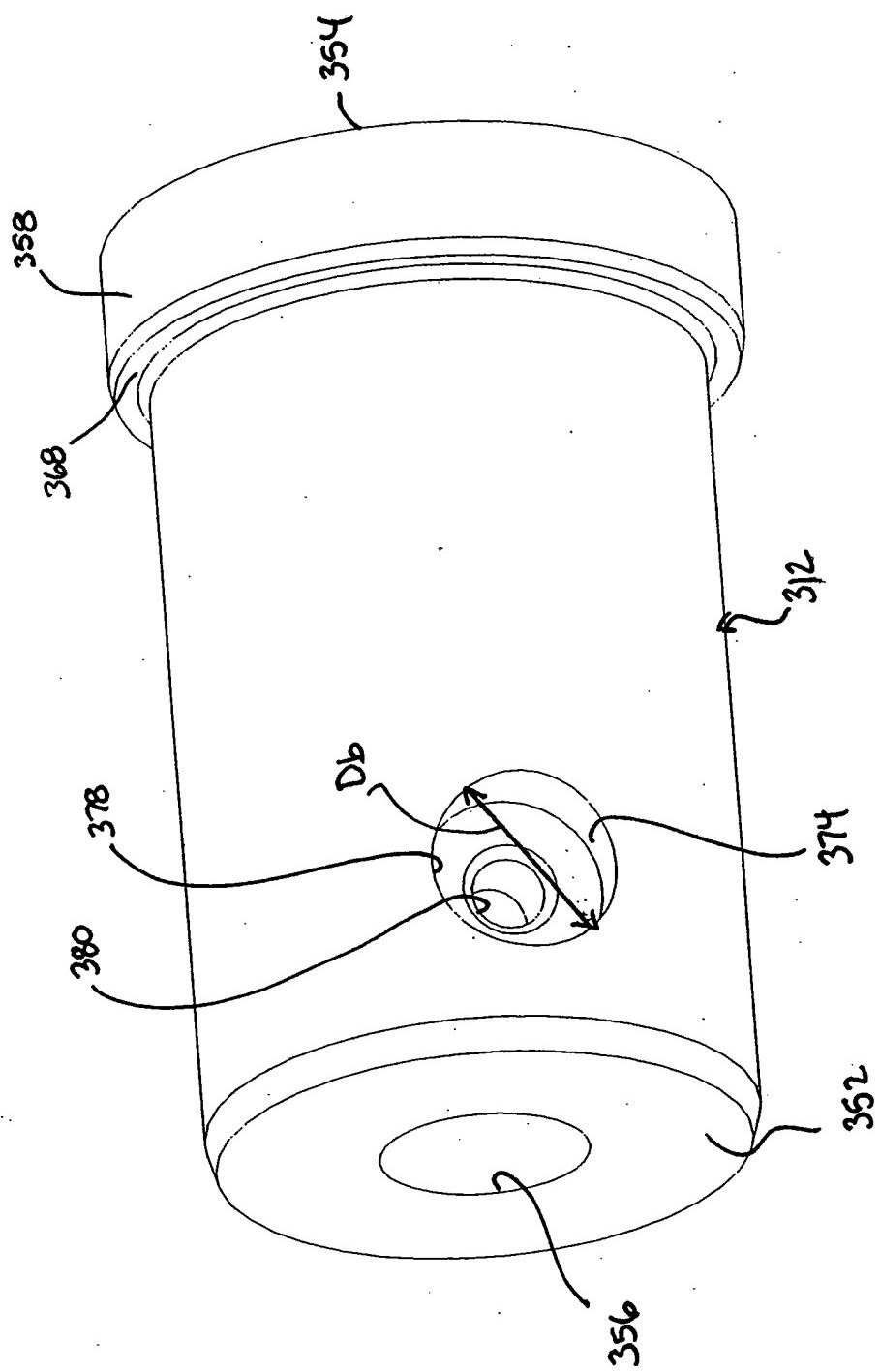
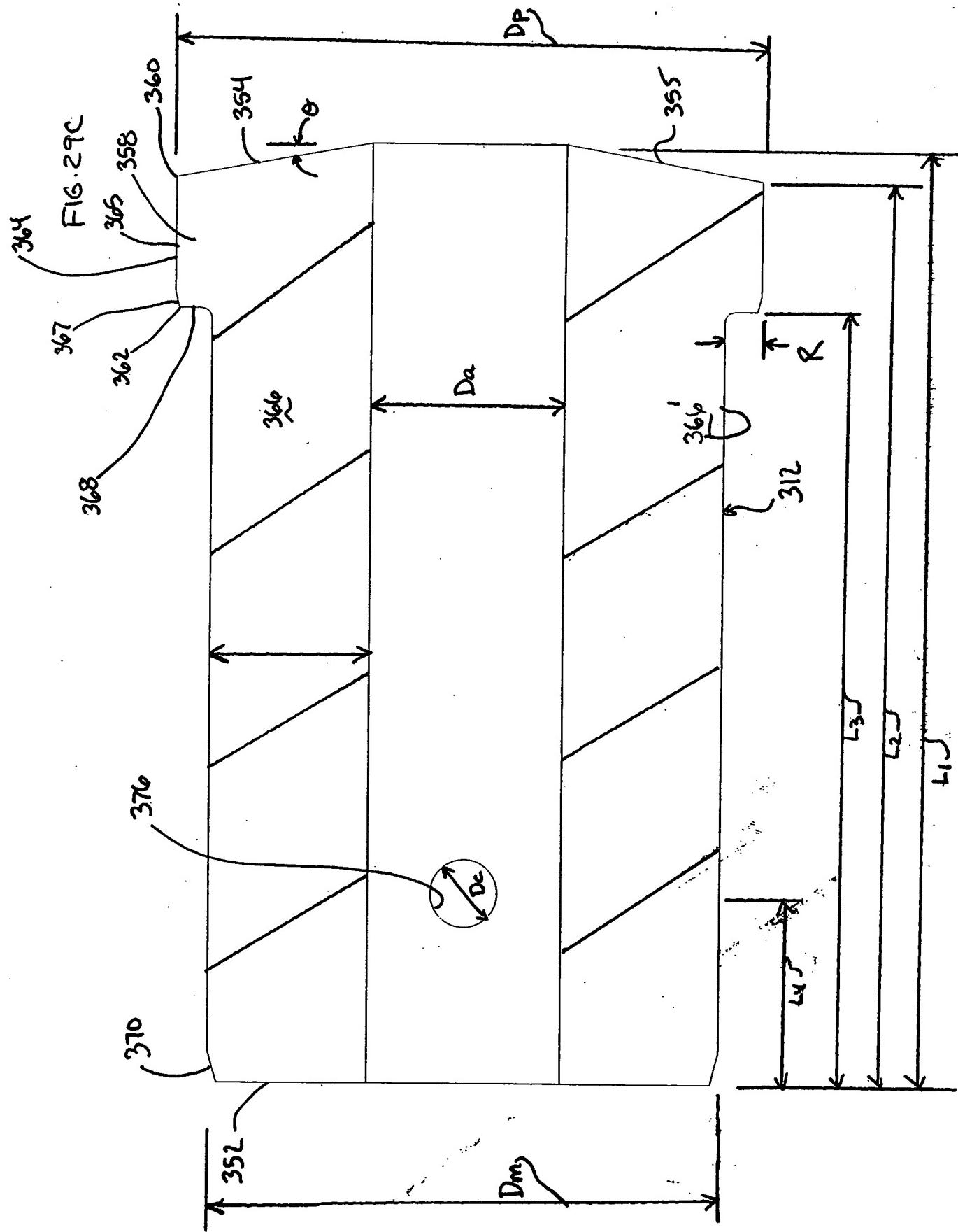


FIG. 29A

FIG. 29B





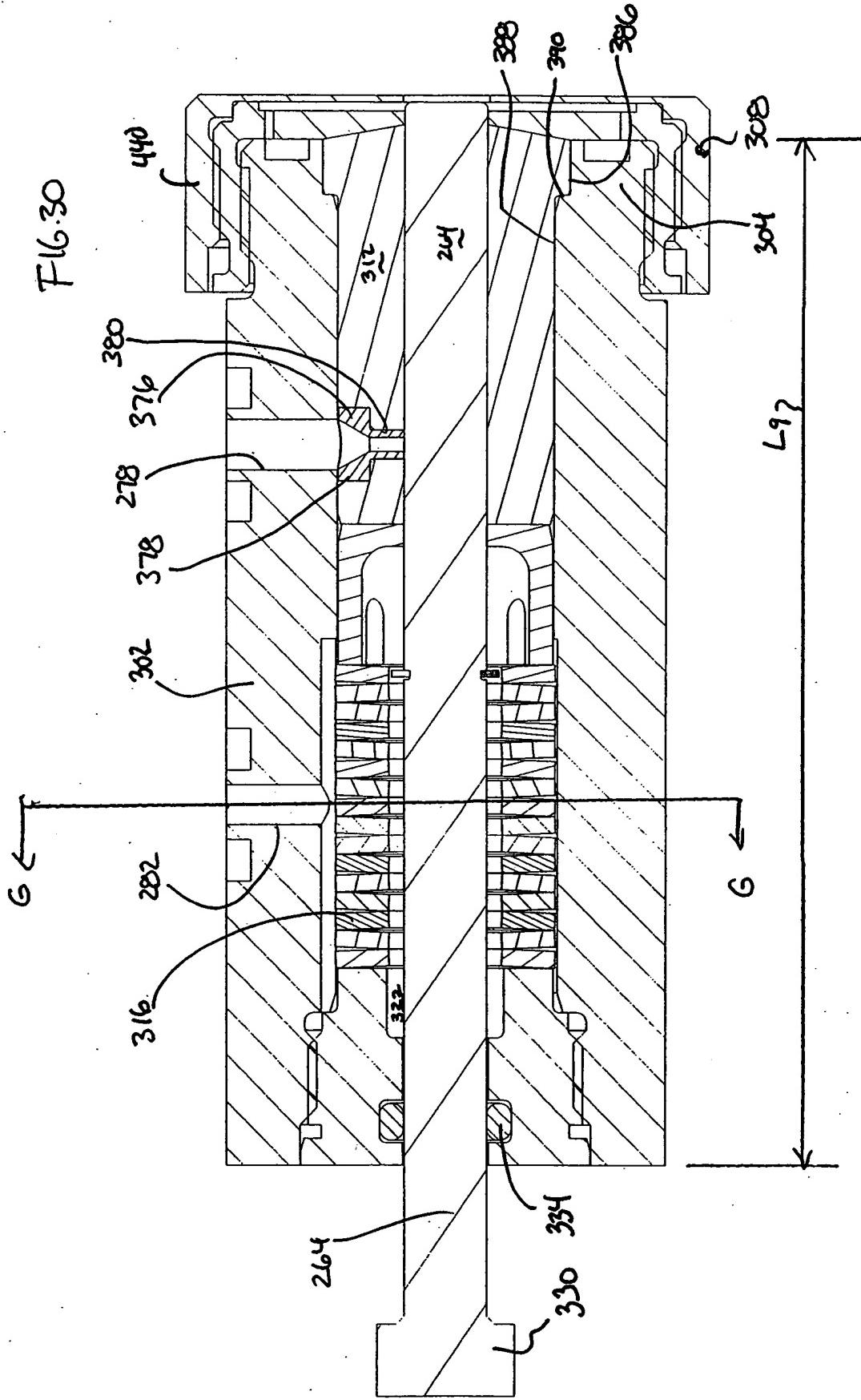
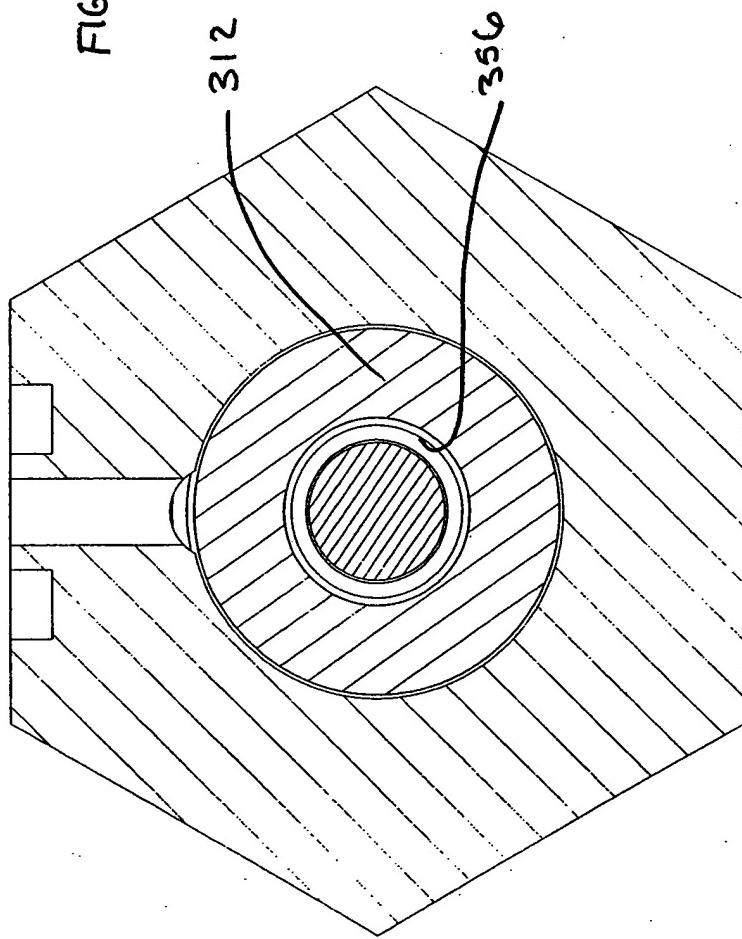
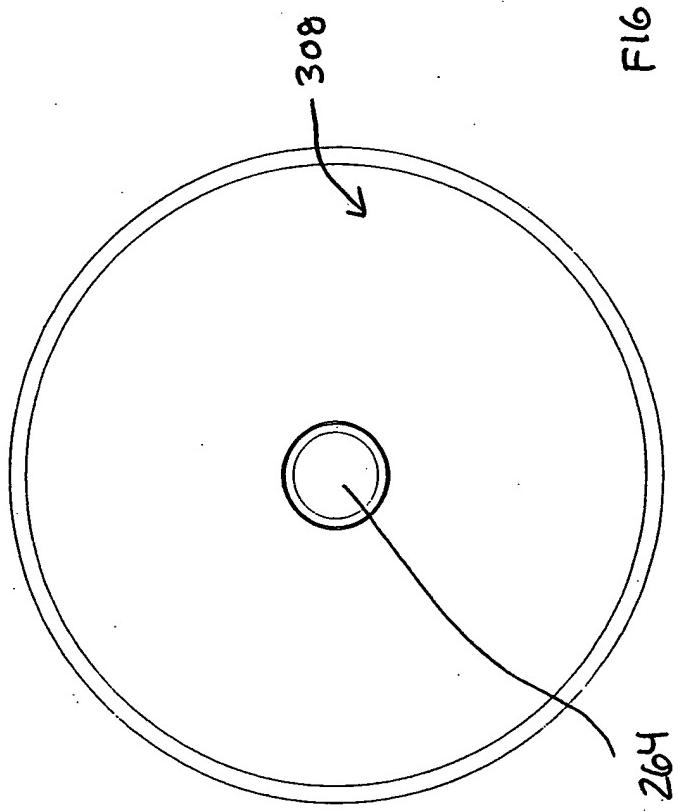


FIG. 31



F16.32



F16.33

264

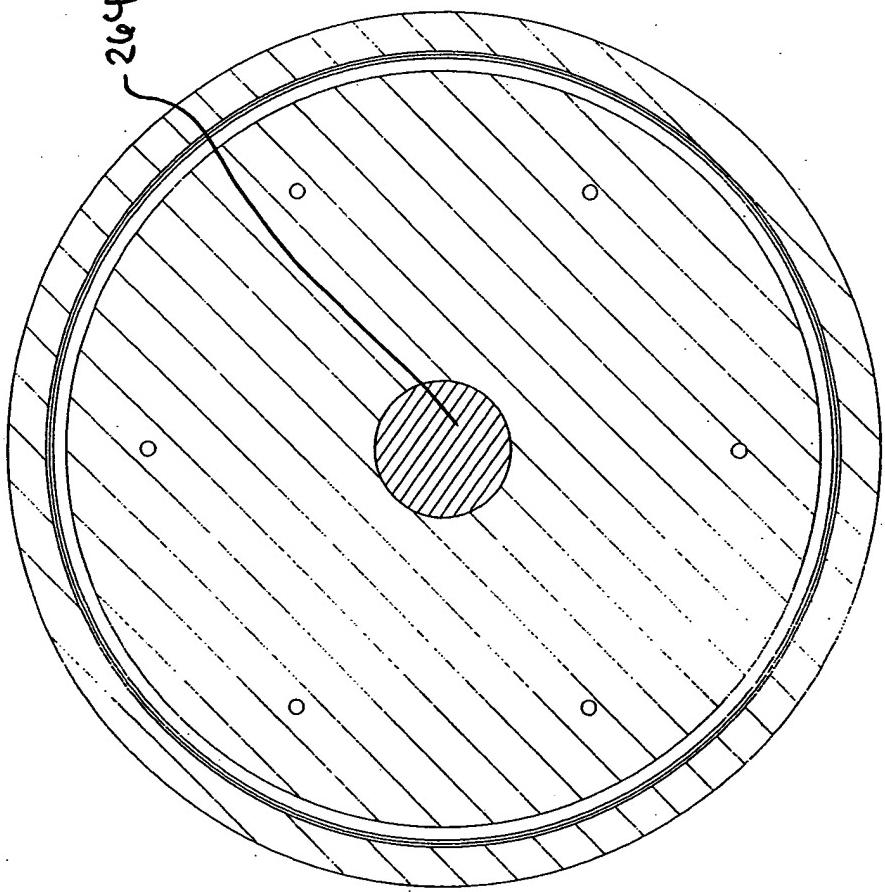


FIG. 34A

Fig. 34B

FIG. 34C

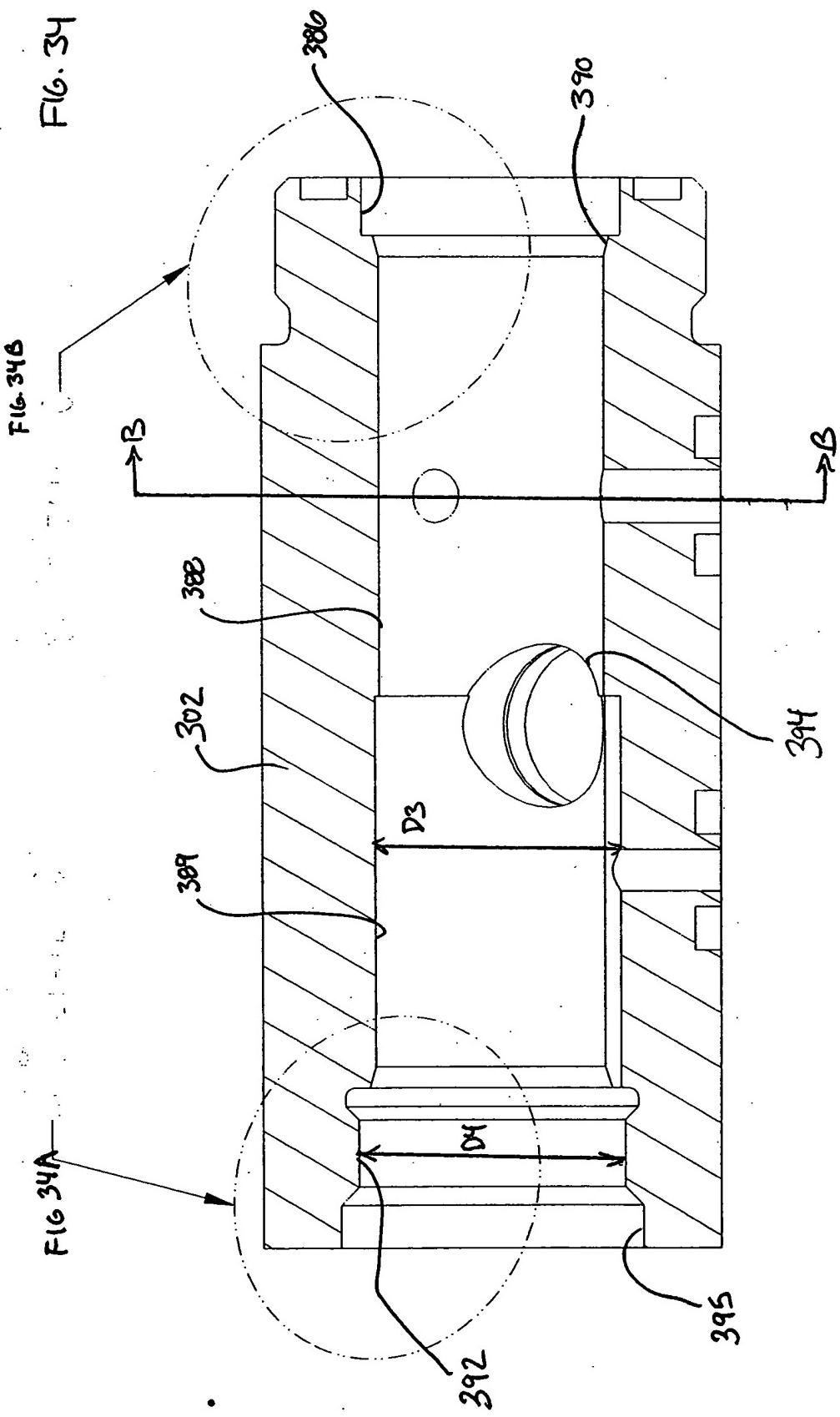


FIG. 34A

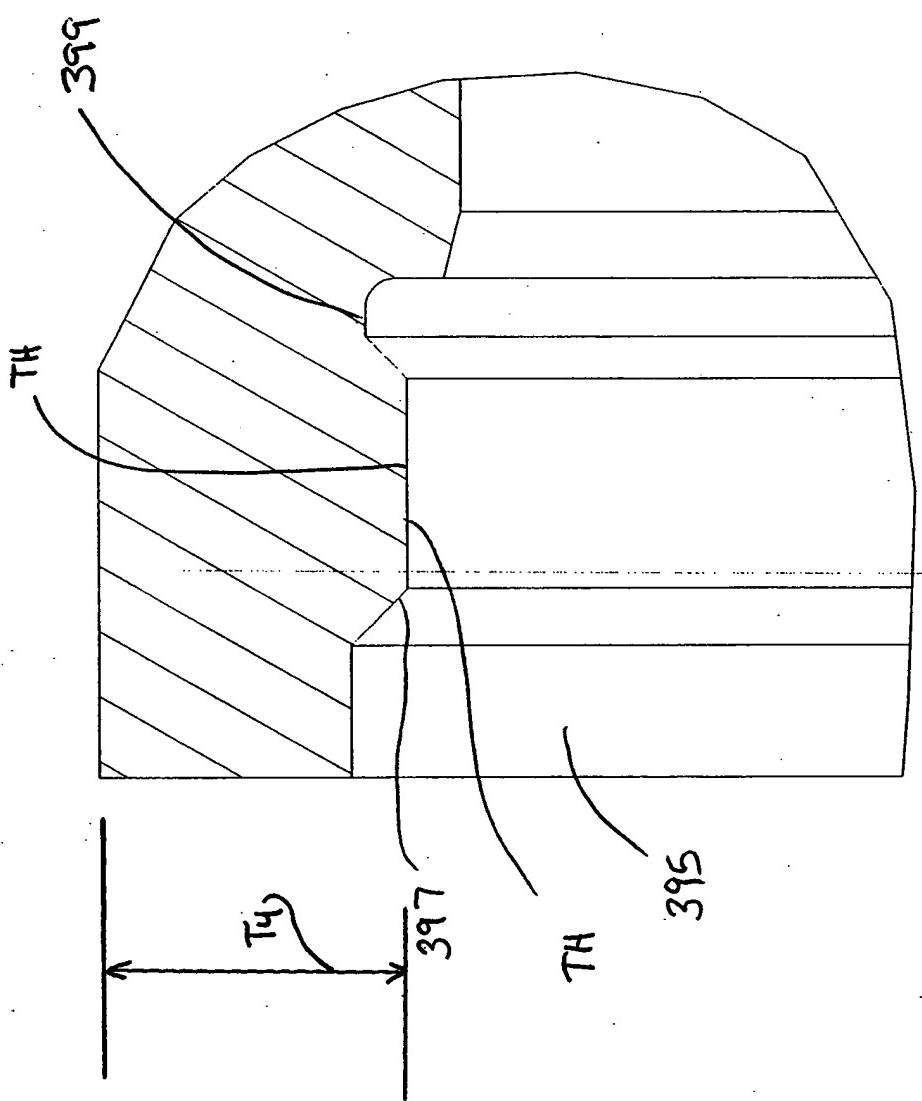
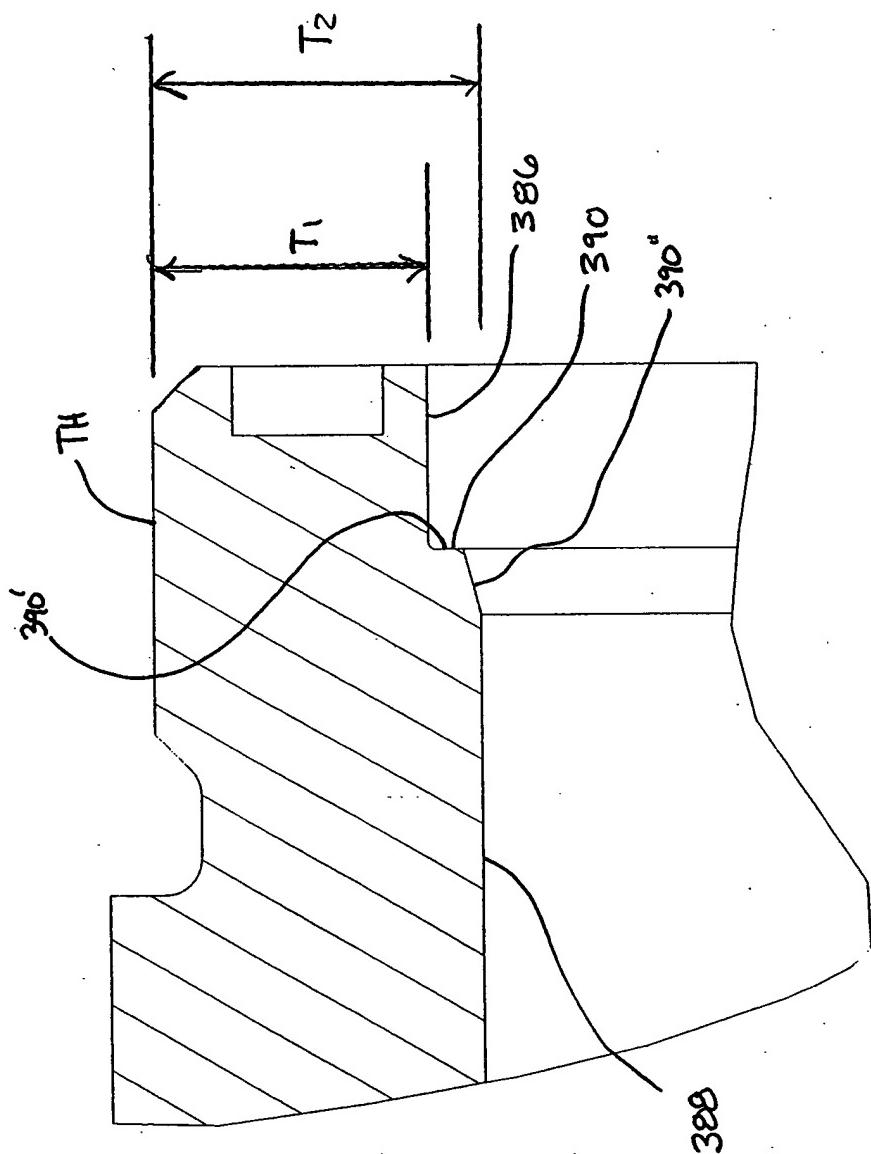
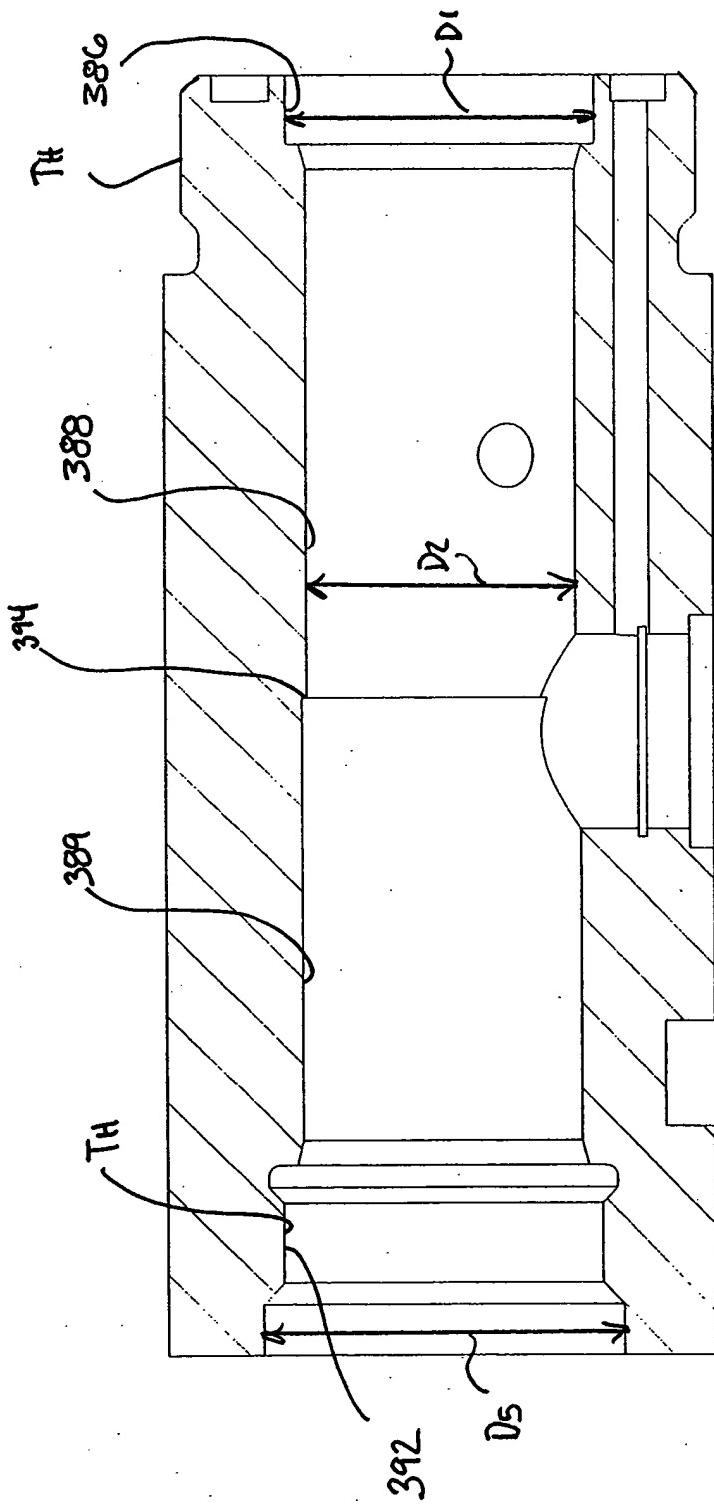


FIG. 343





F16 - 35

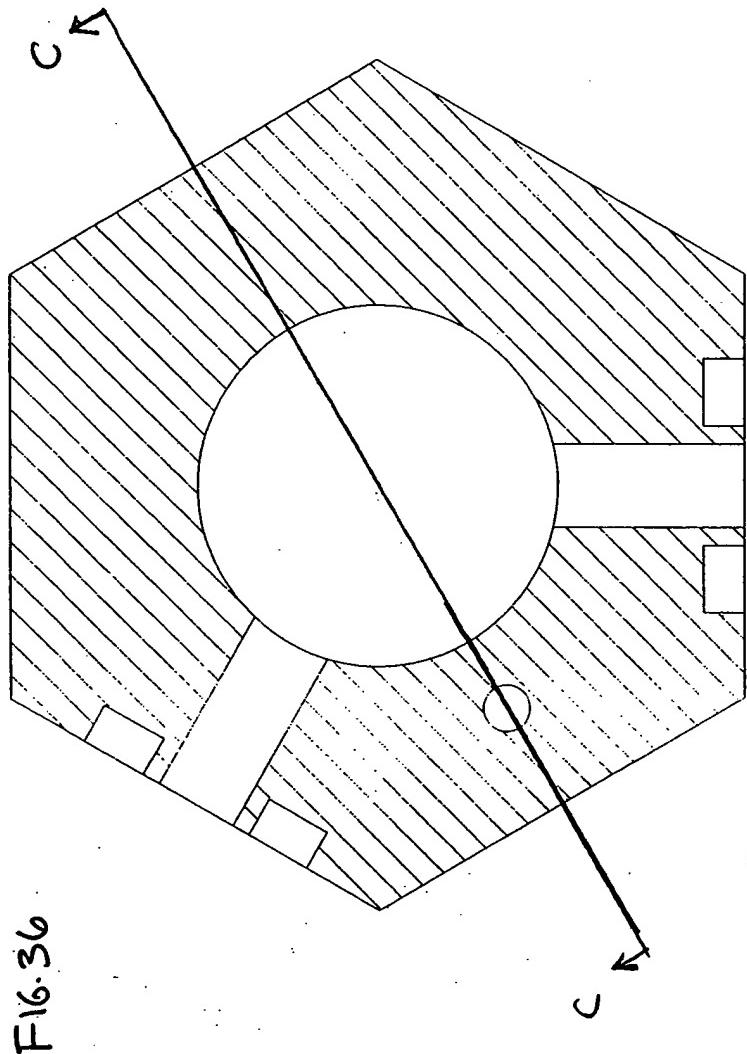


FIG. 36

F16.37

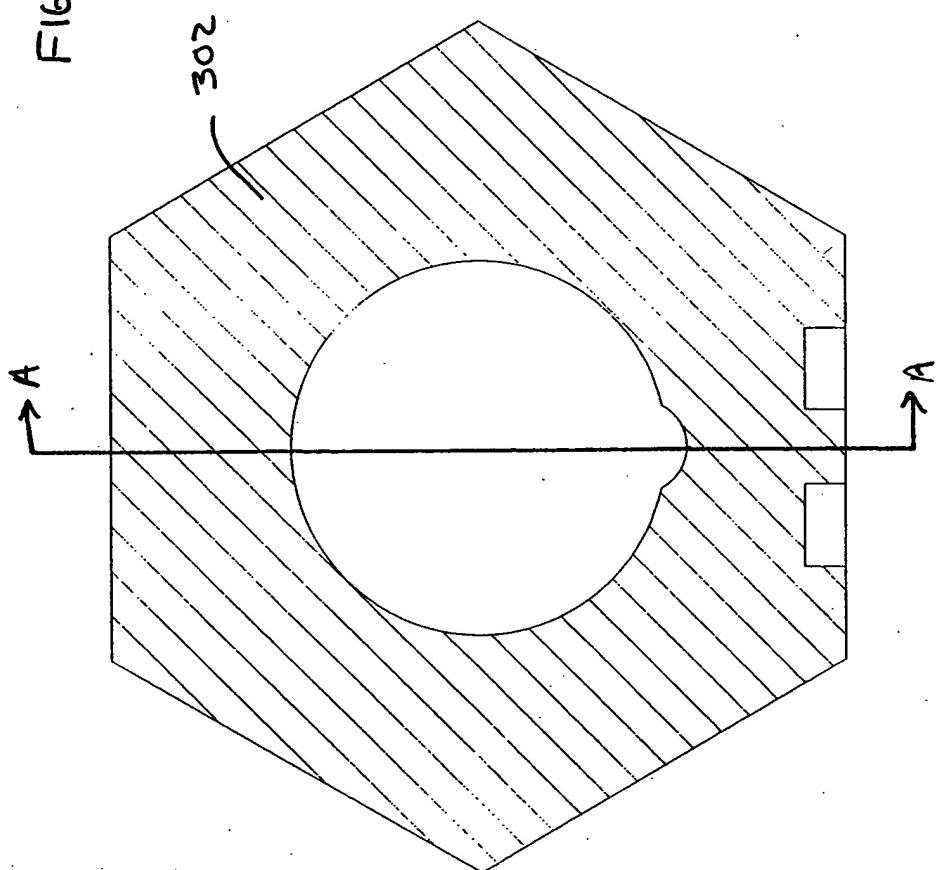
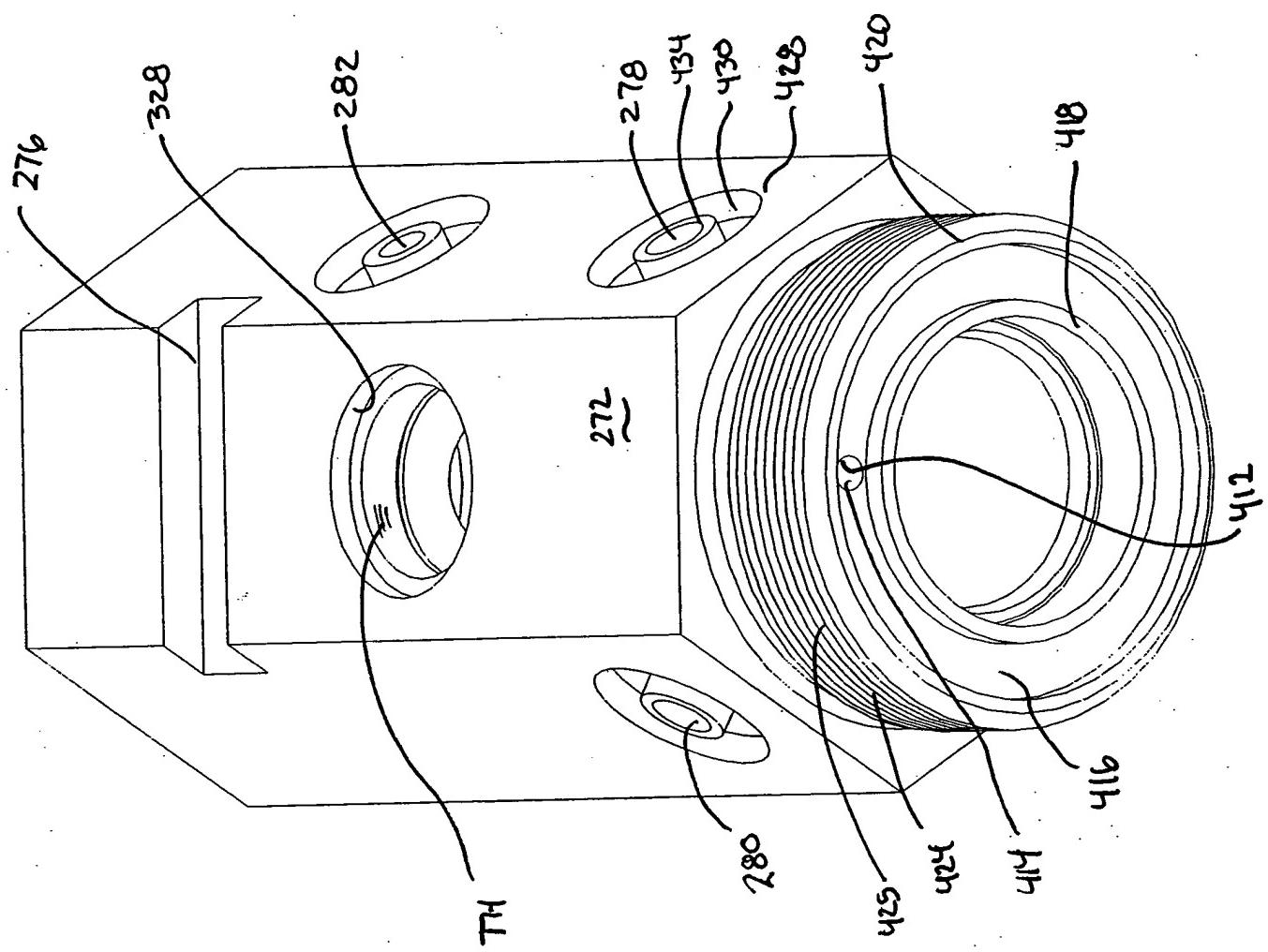
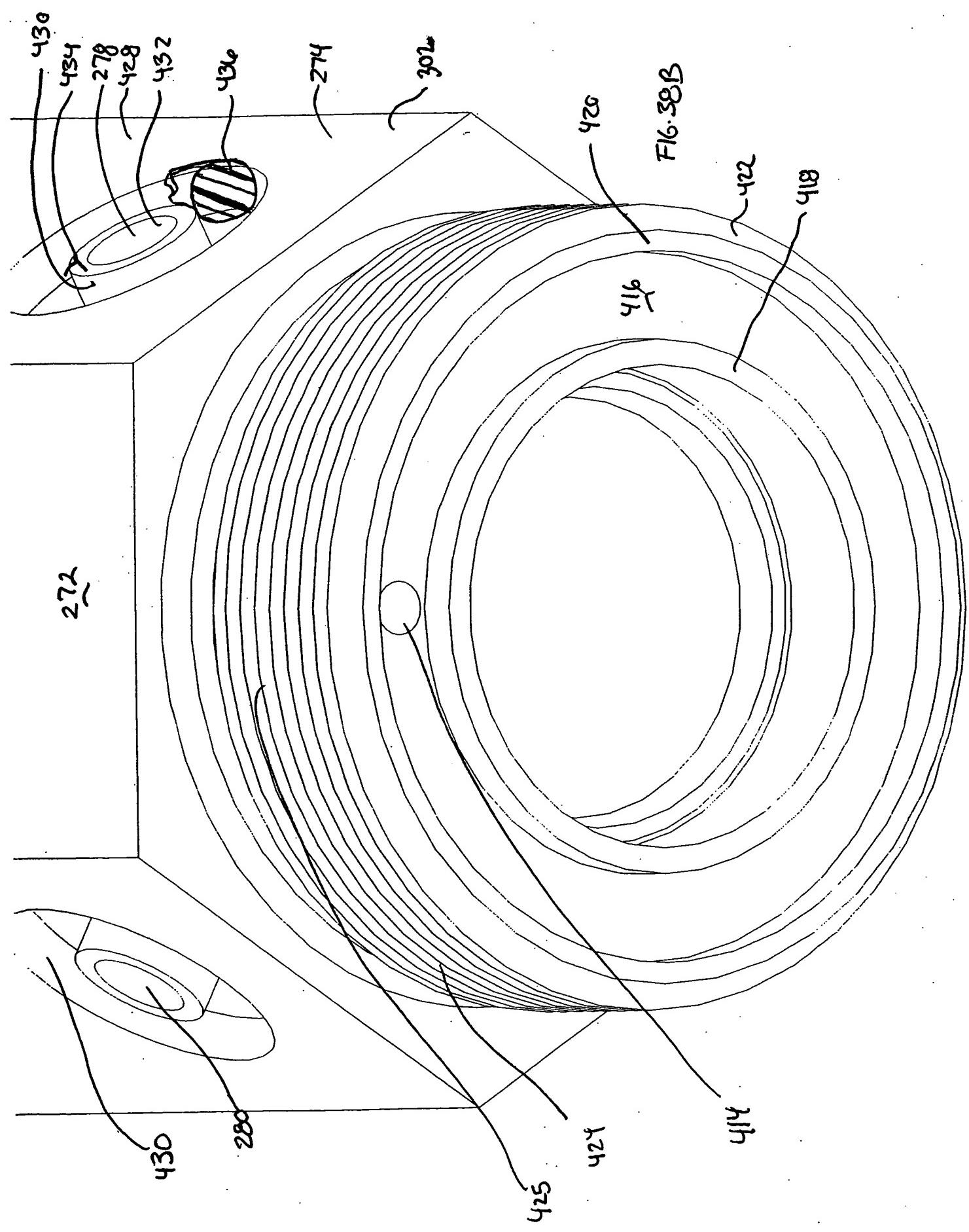


FIG. 38A





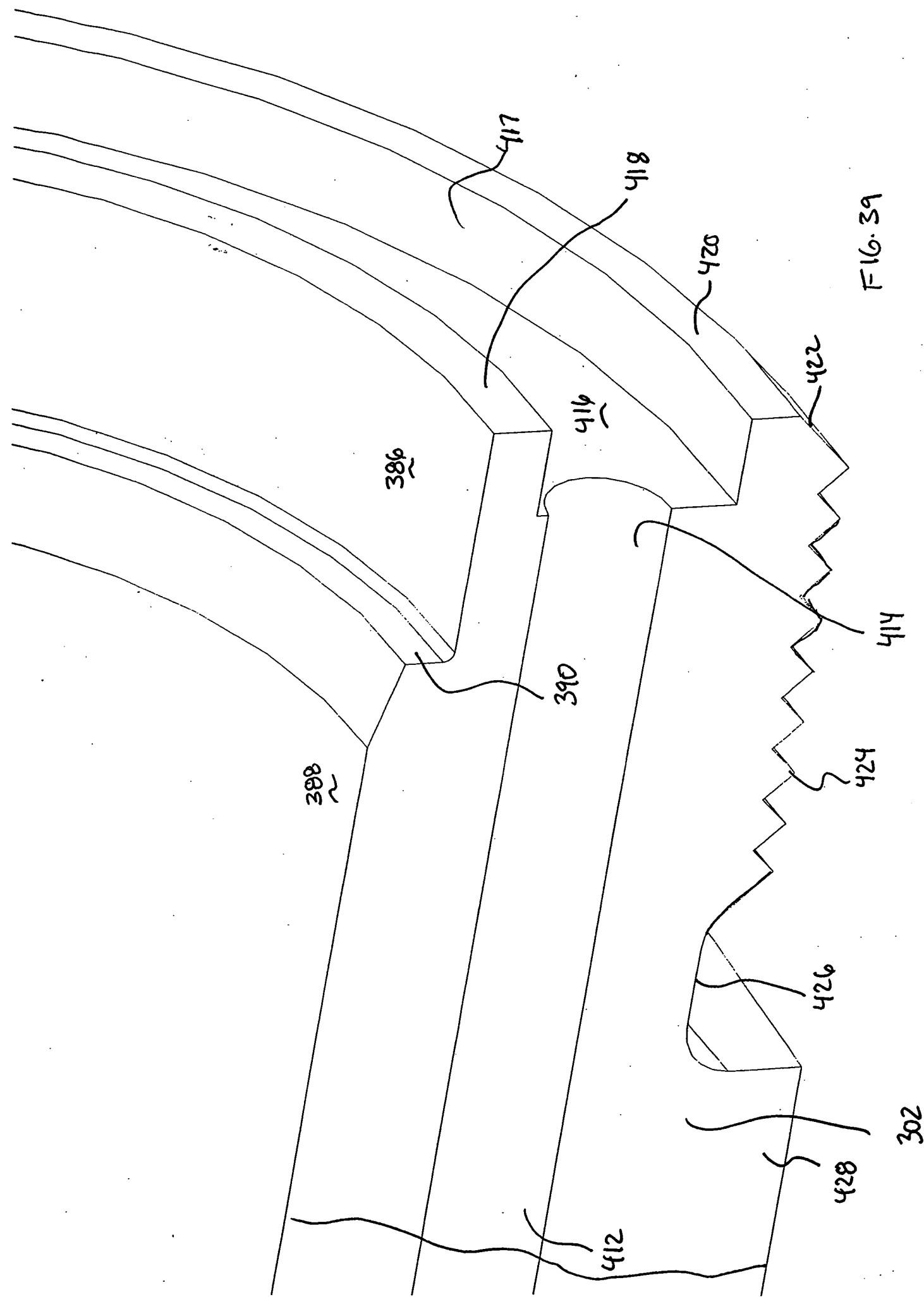


FIG. 40

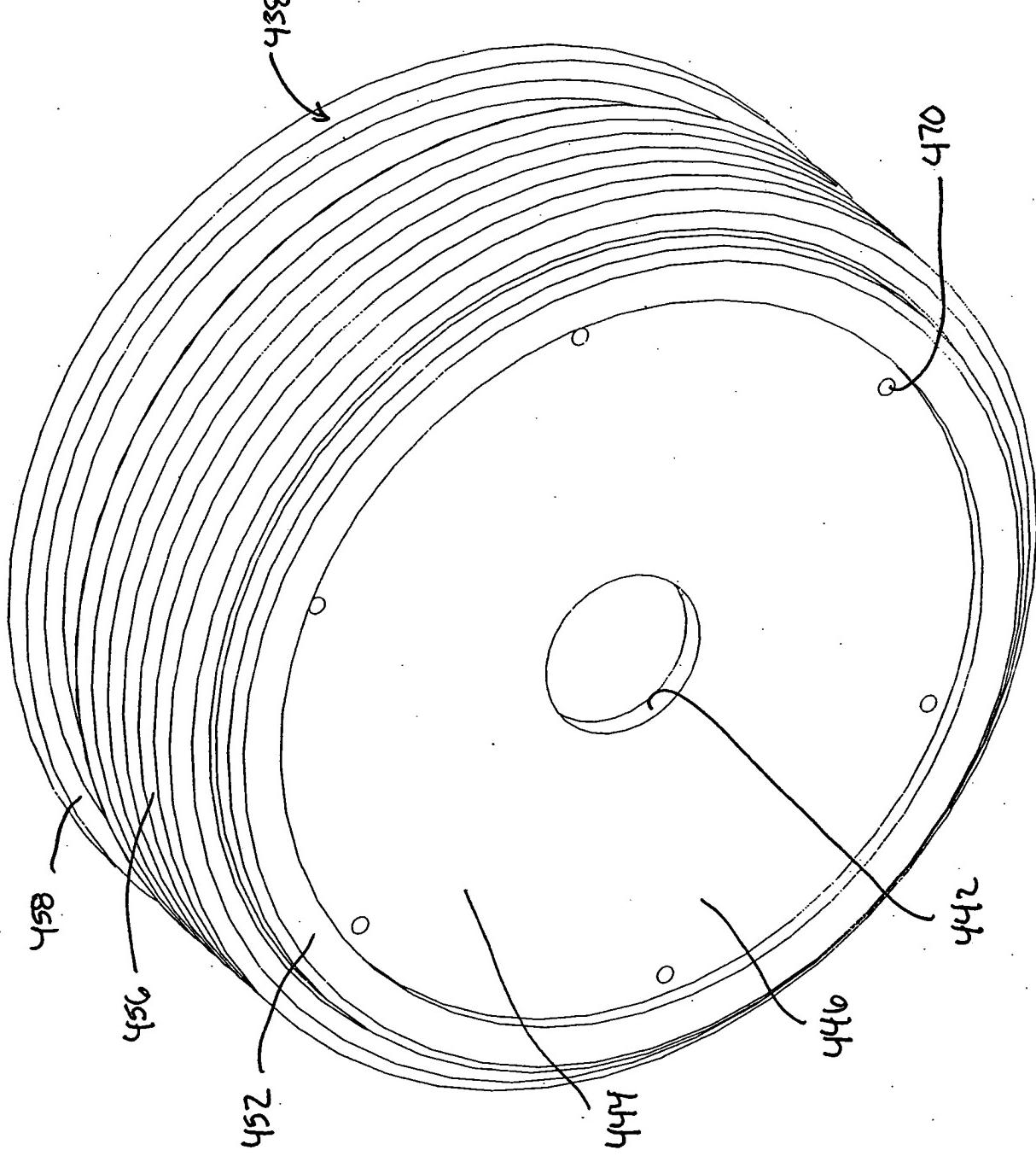


FIG. 41

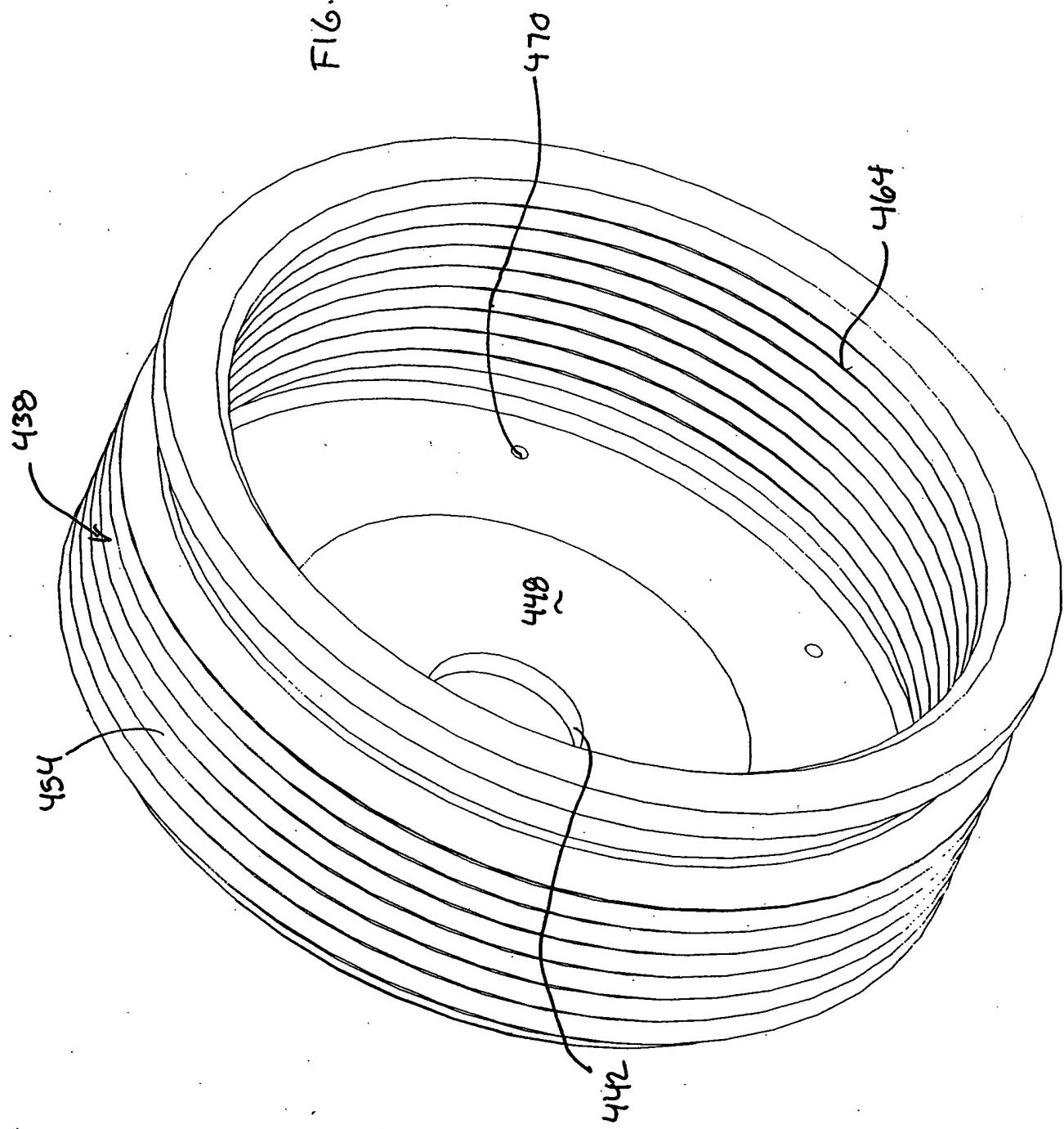


FIG. 42

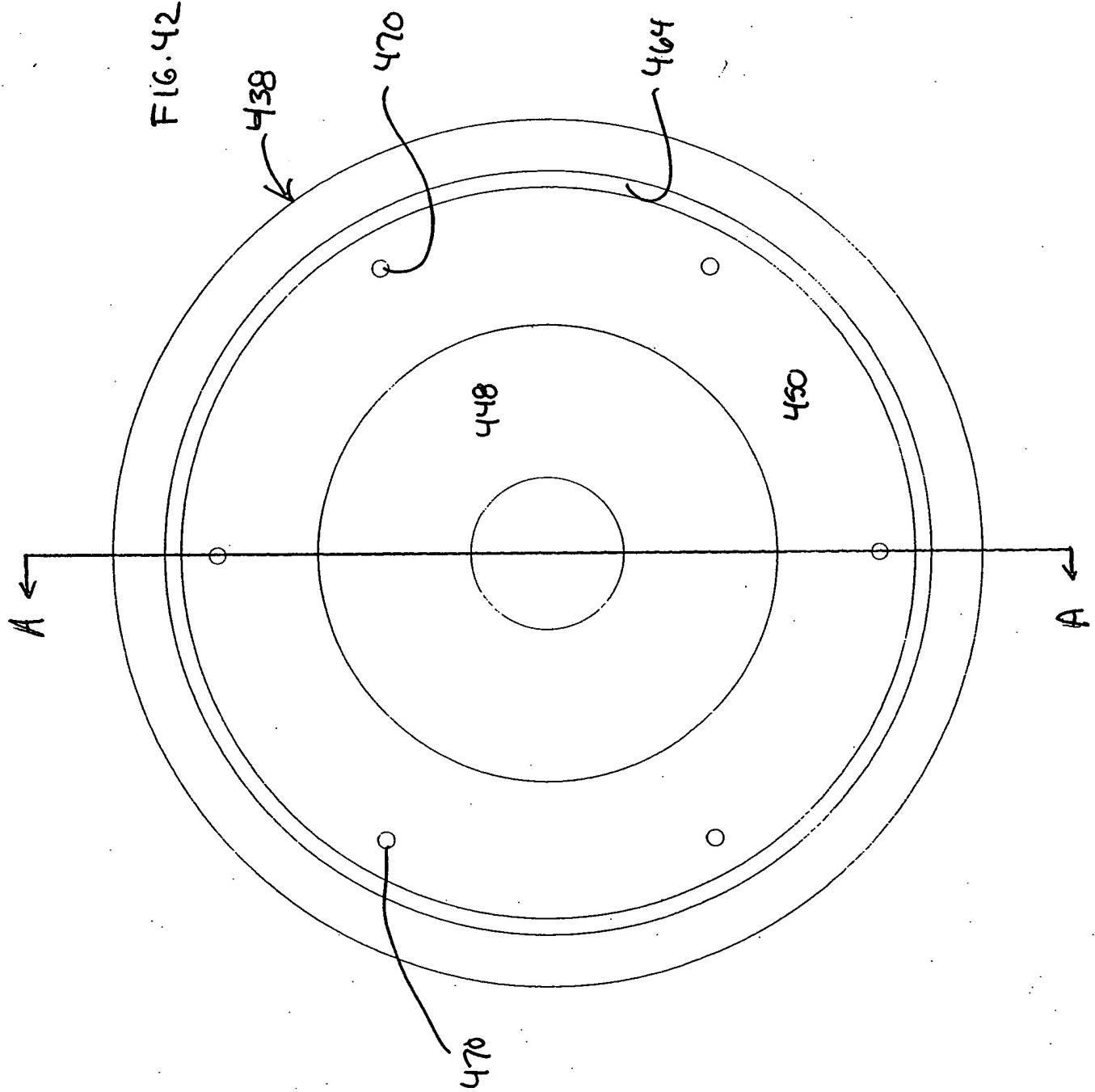


Fig. 43

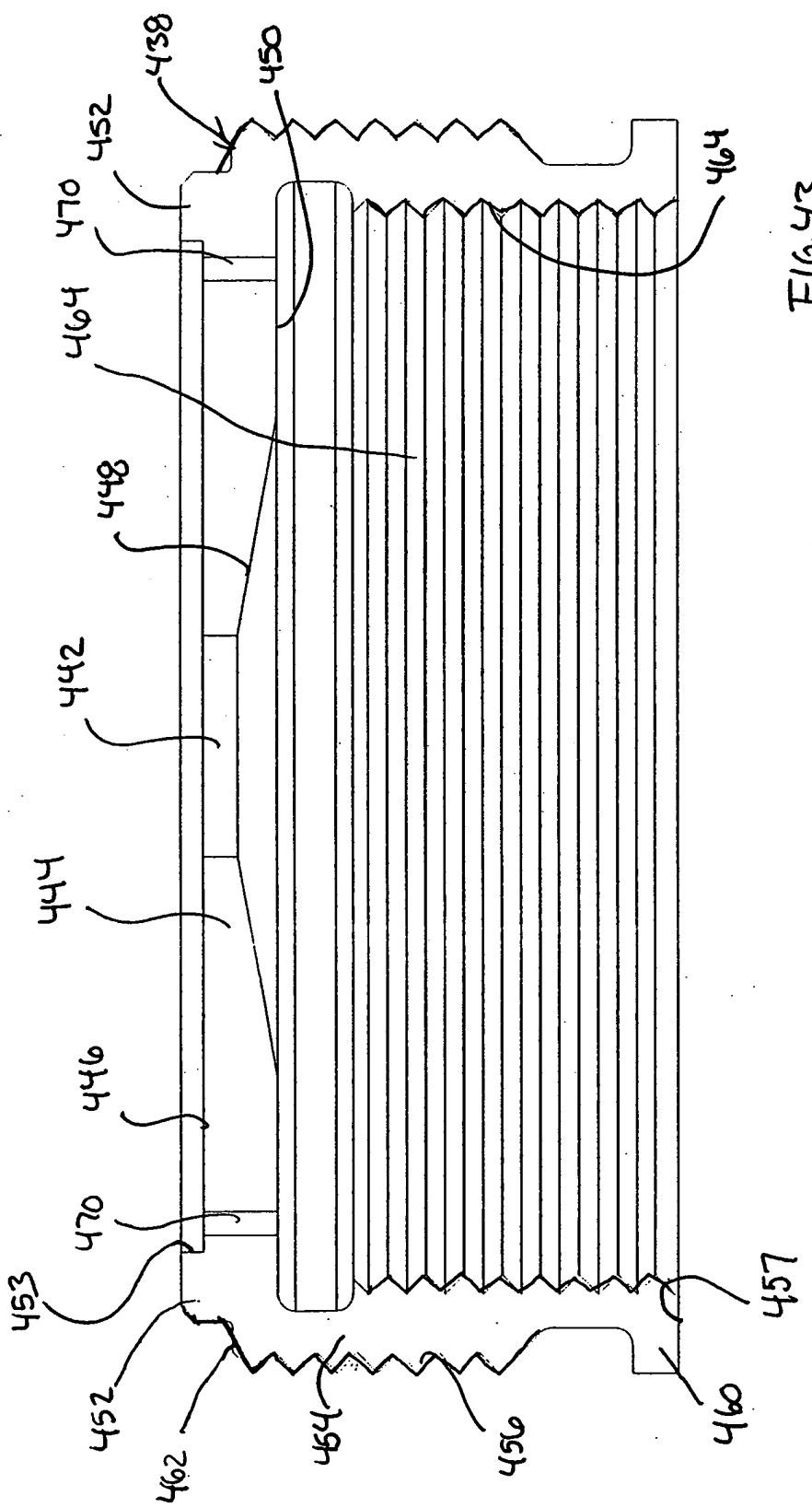


Fig. 44

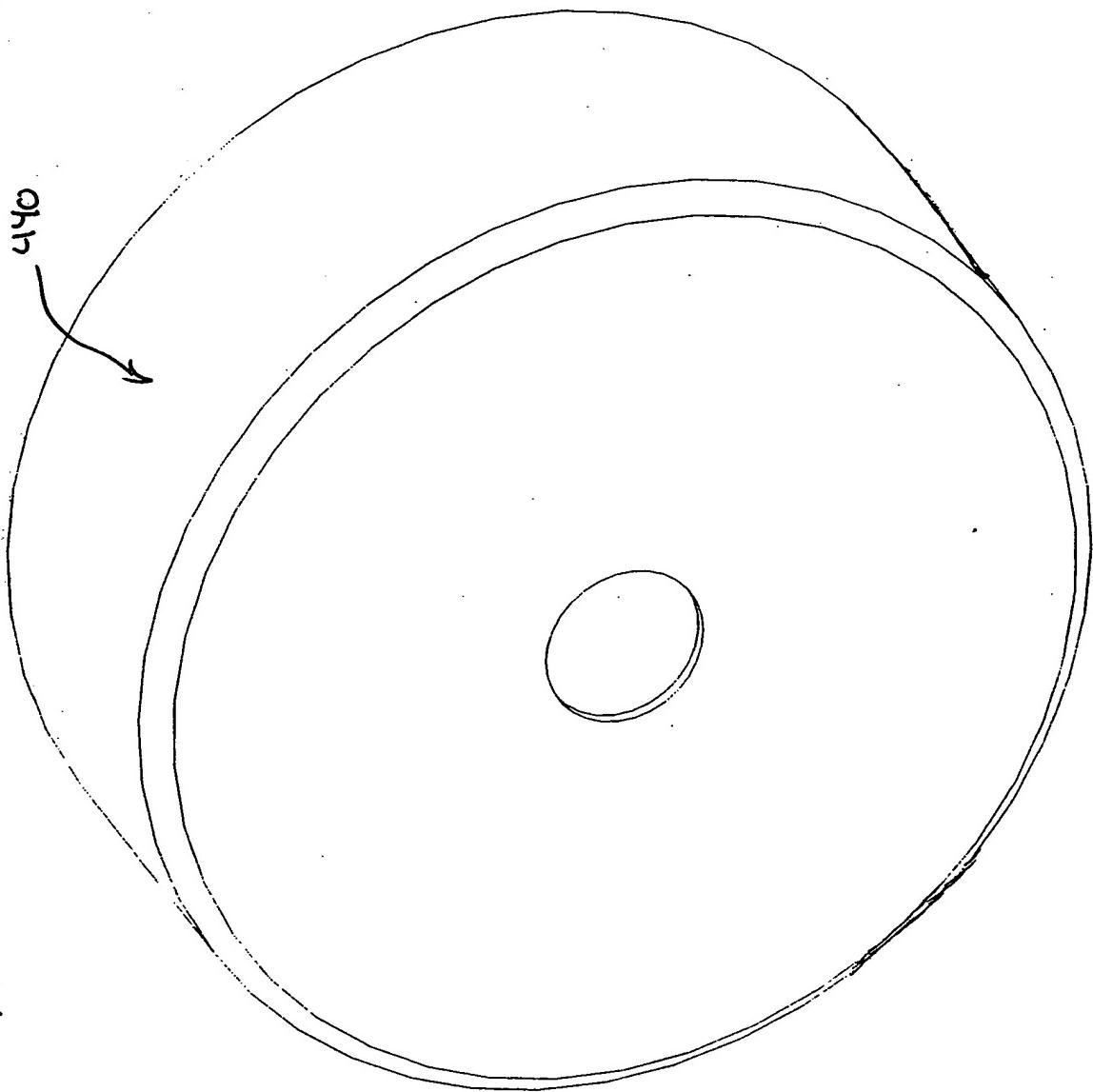


FIG. 45

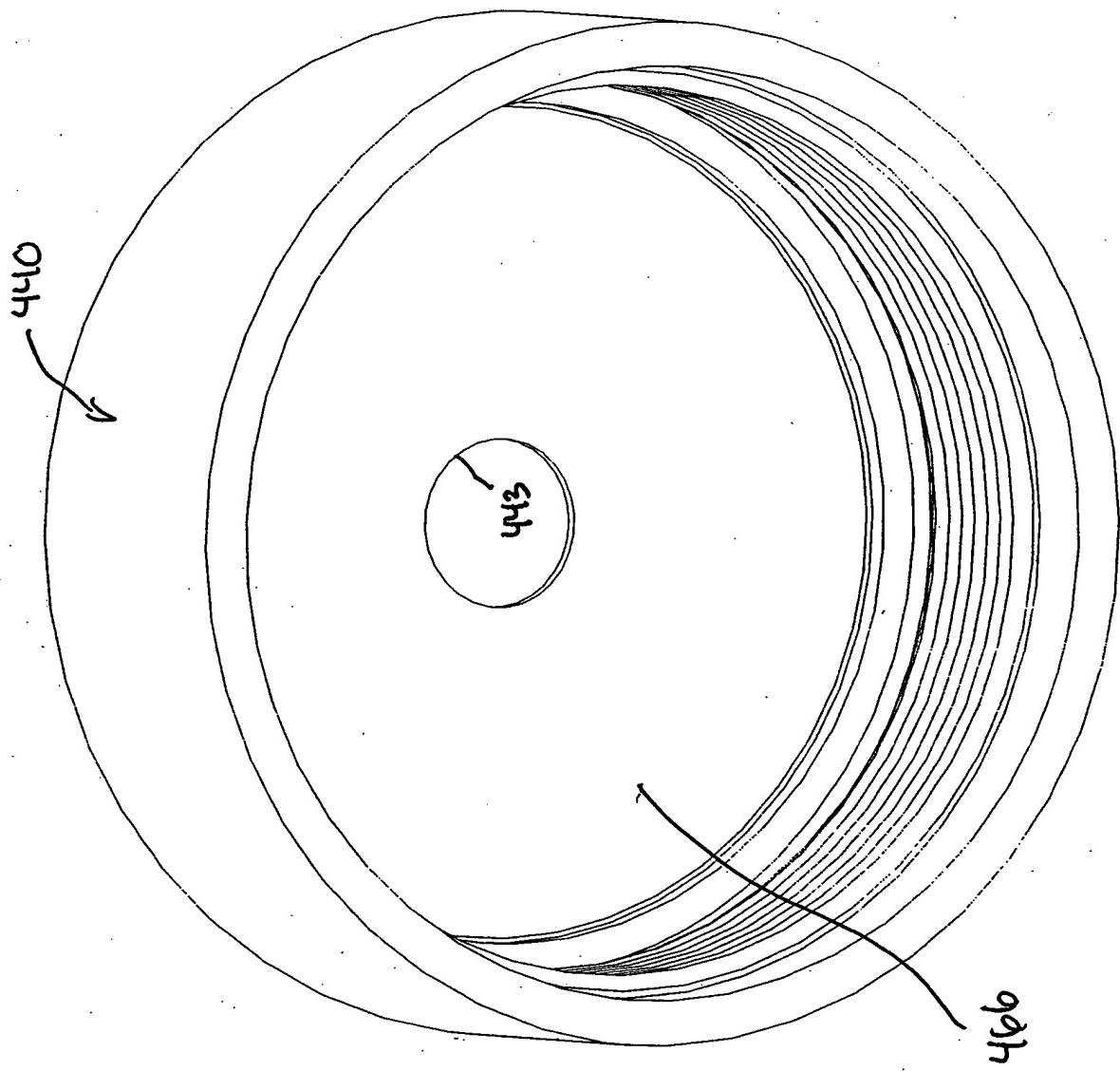
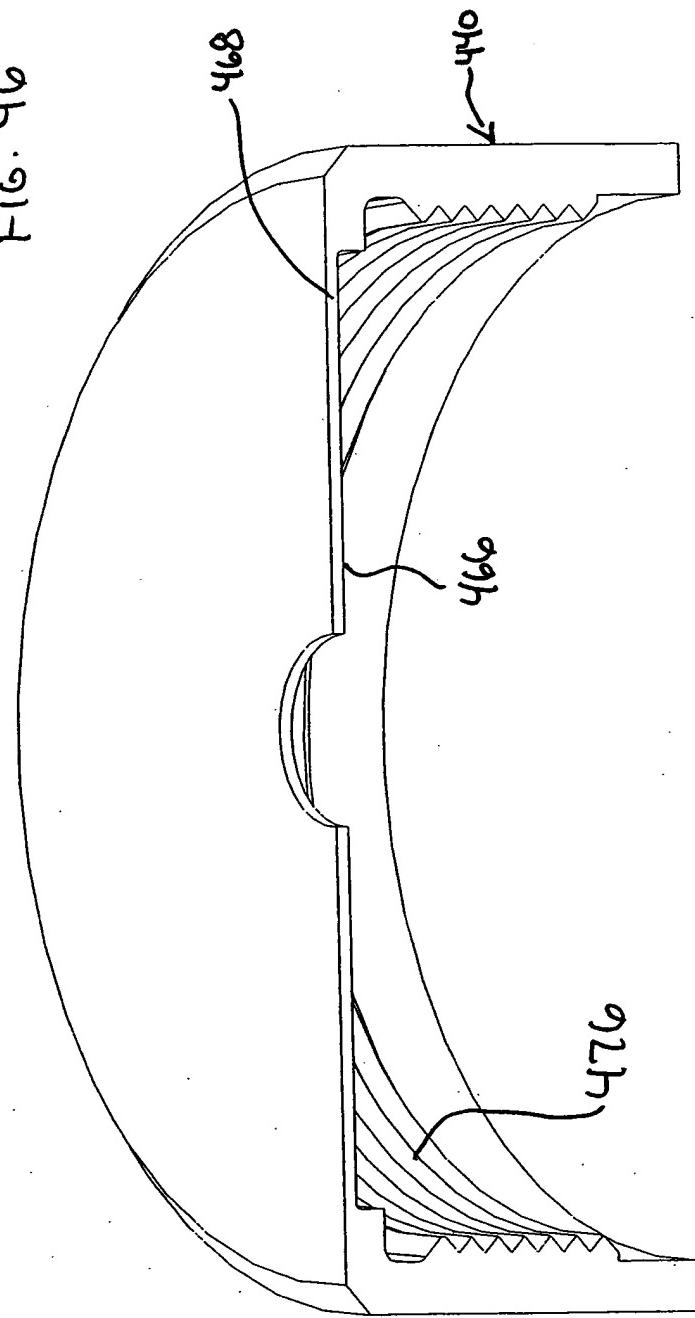


Fig. 46



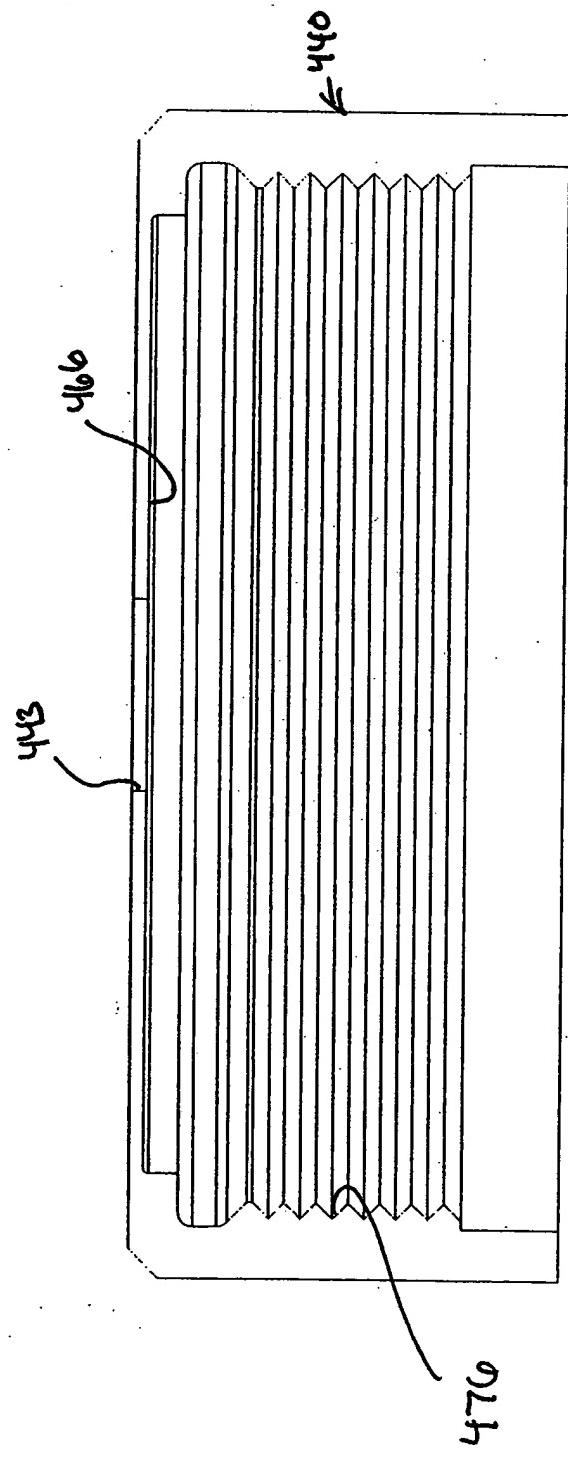
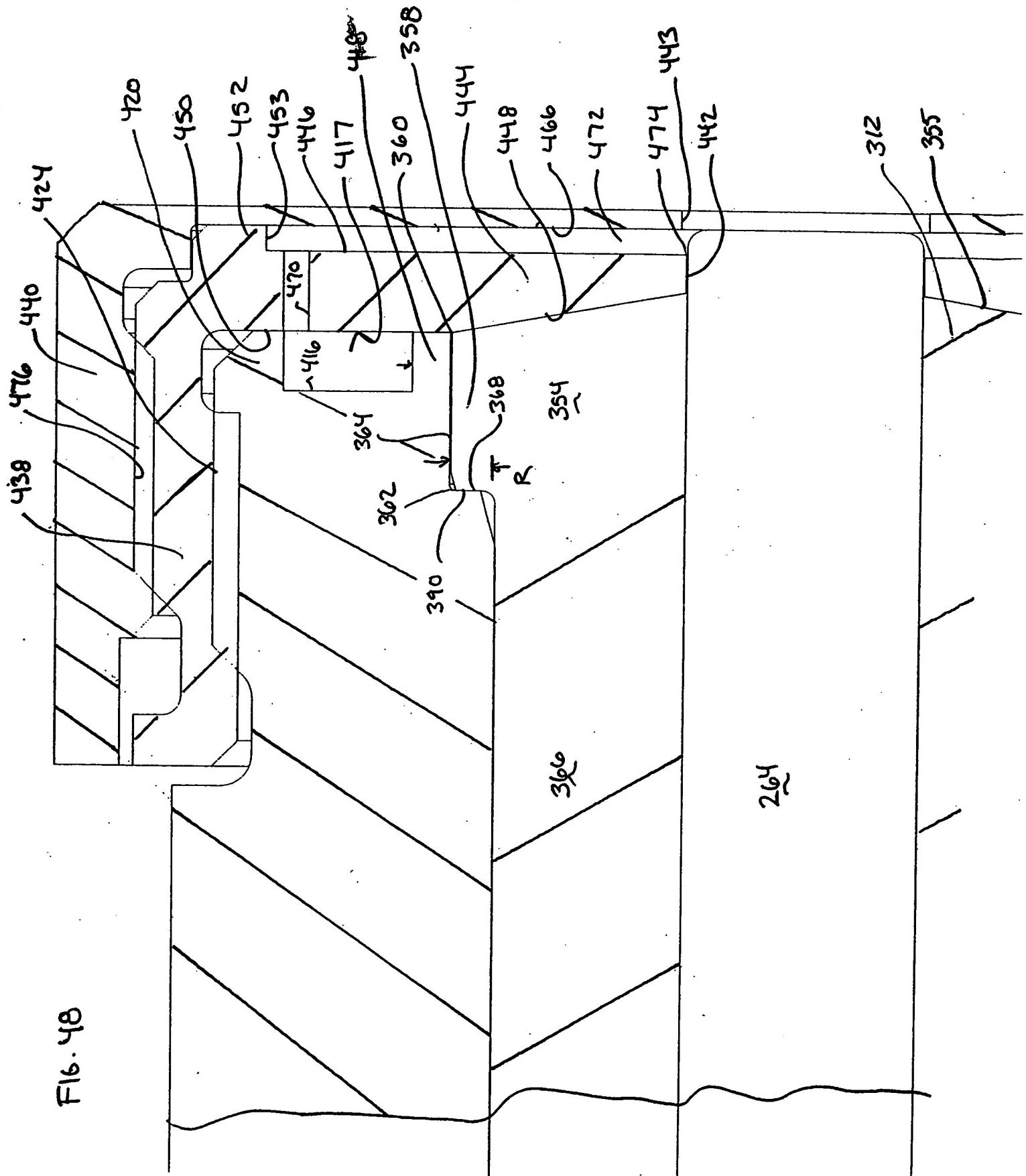
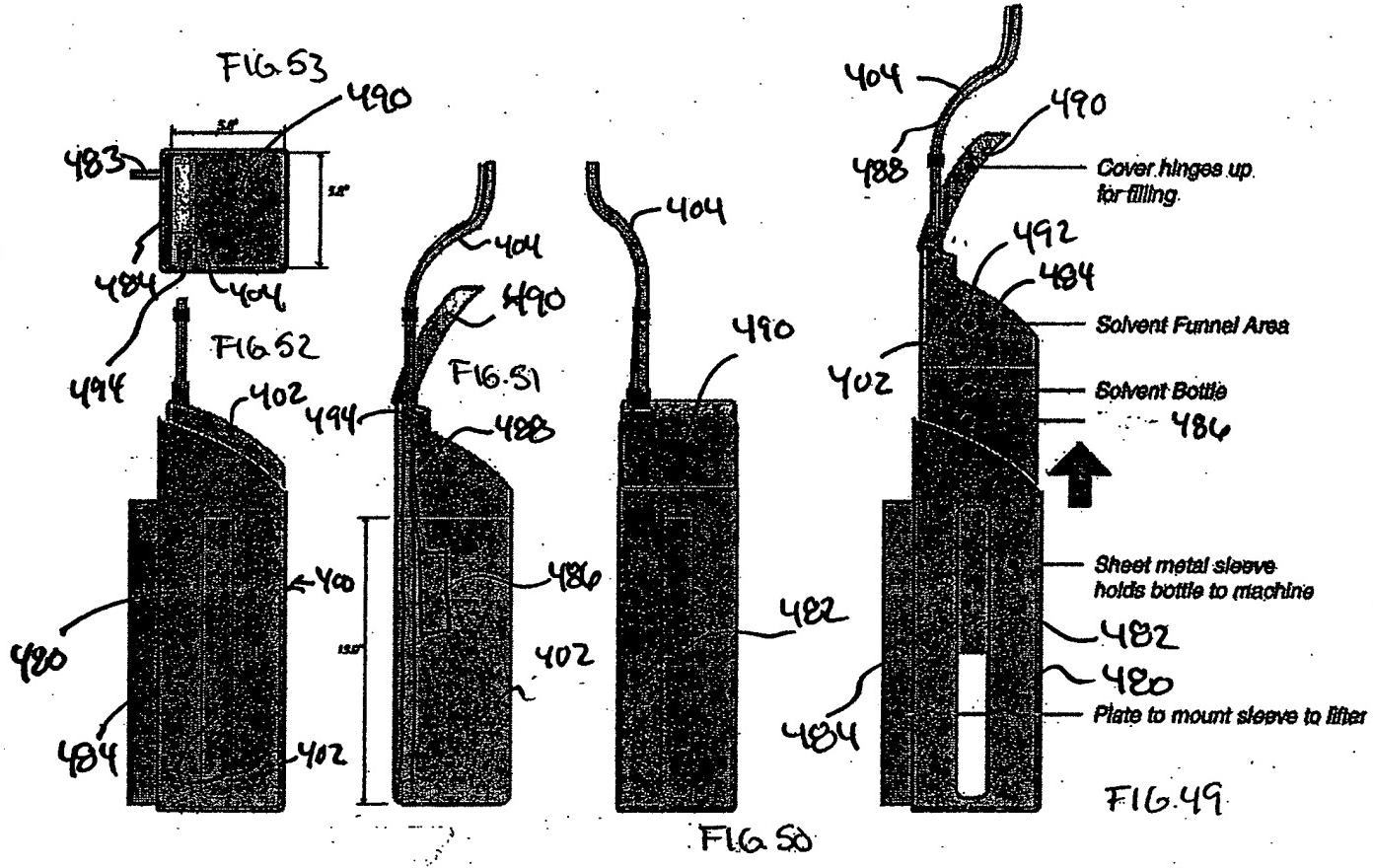


FIG. 47

F16.48





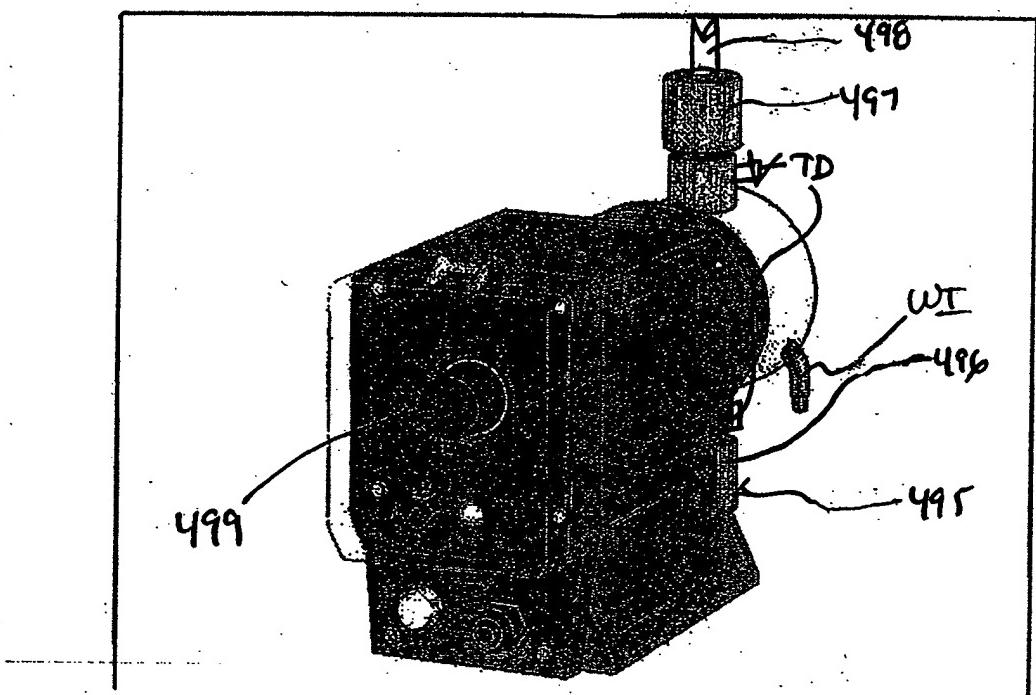


FIG. 54

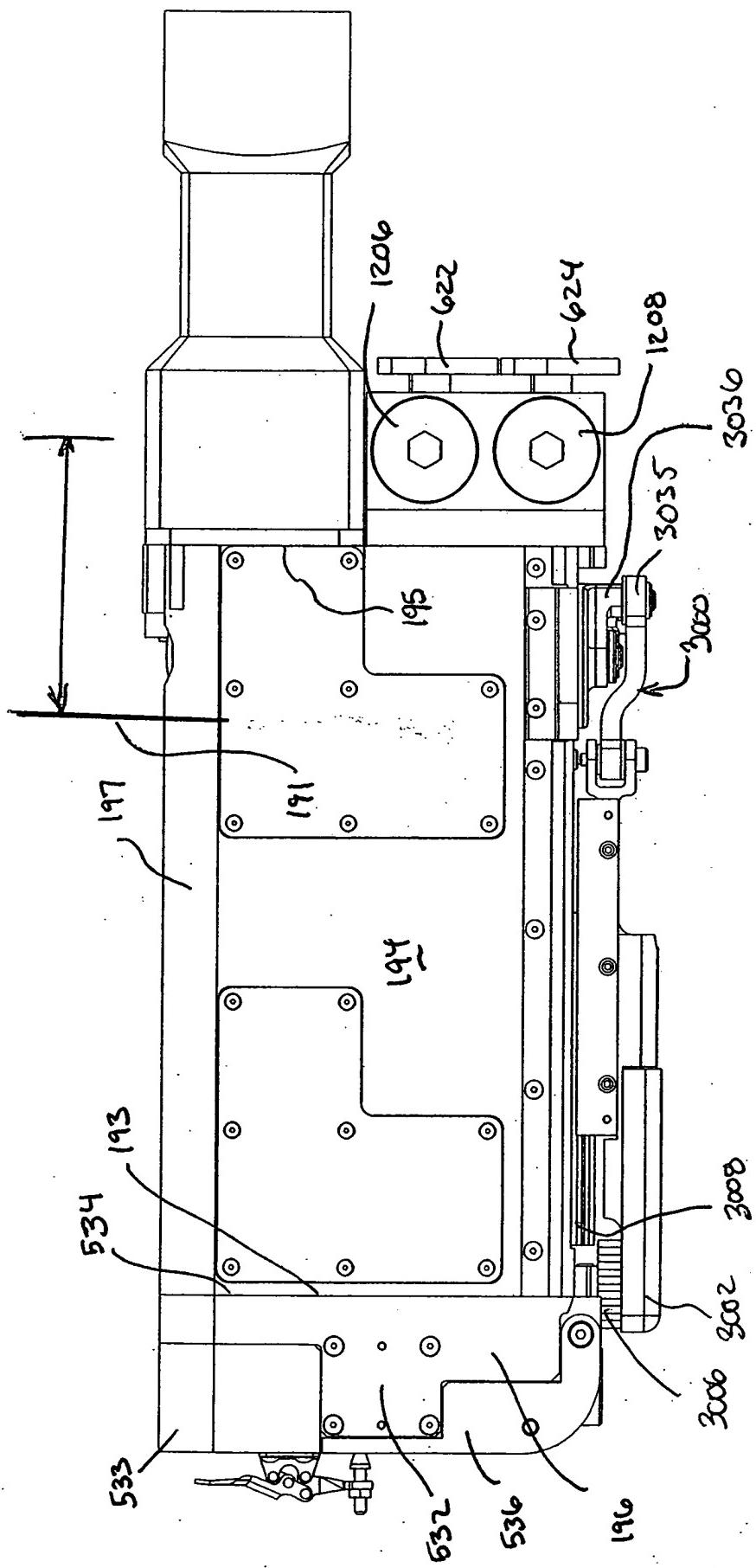


FIG. 55

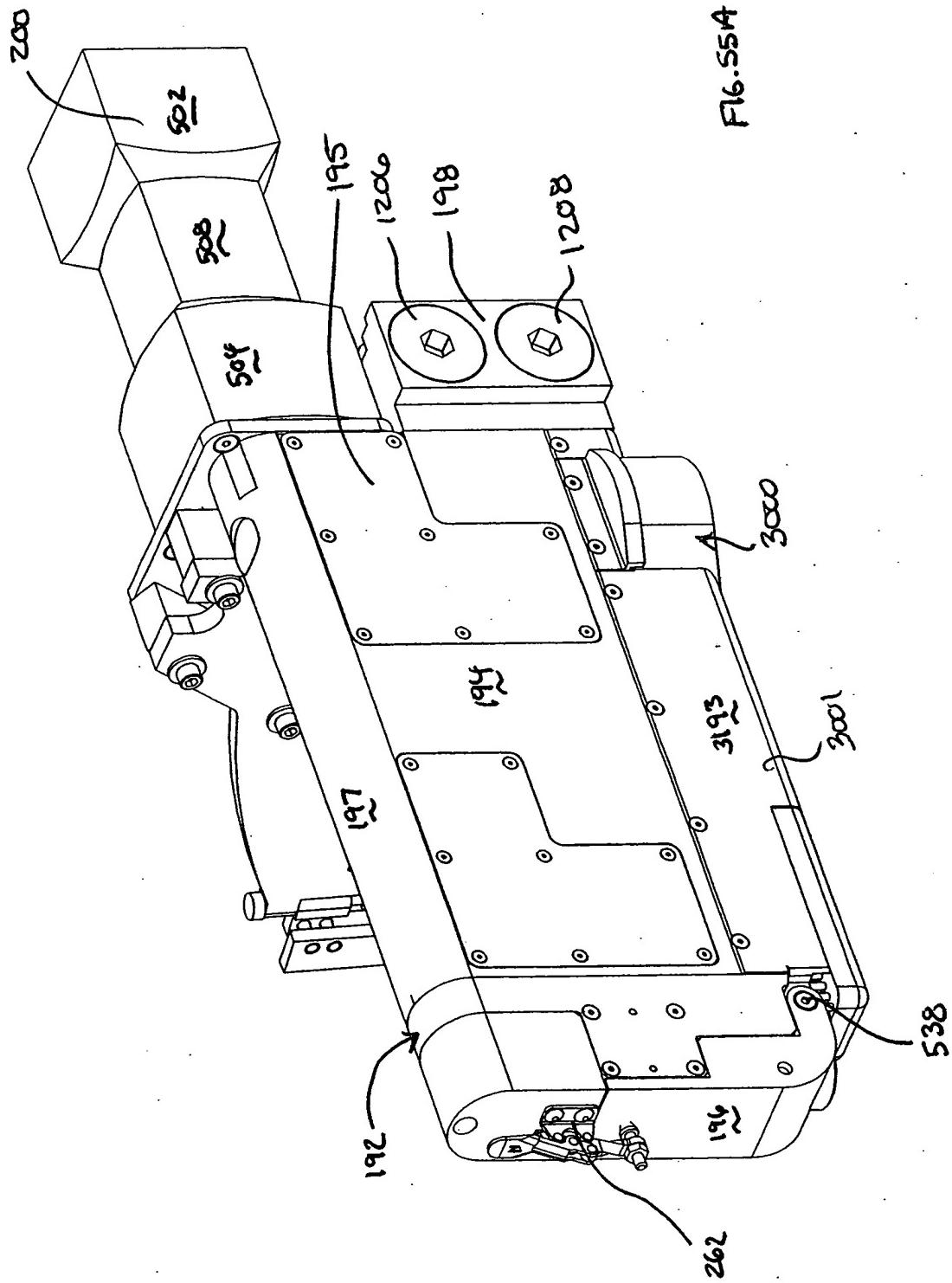
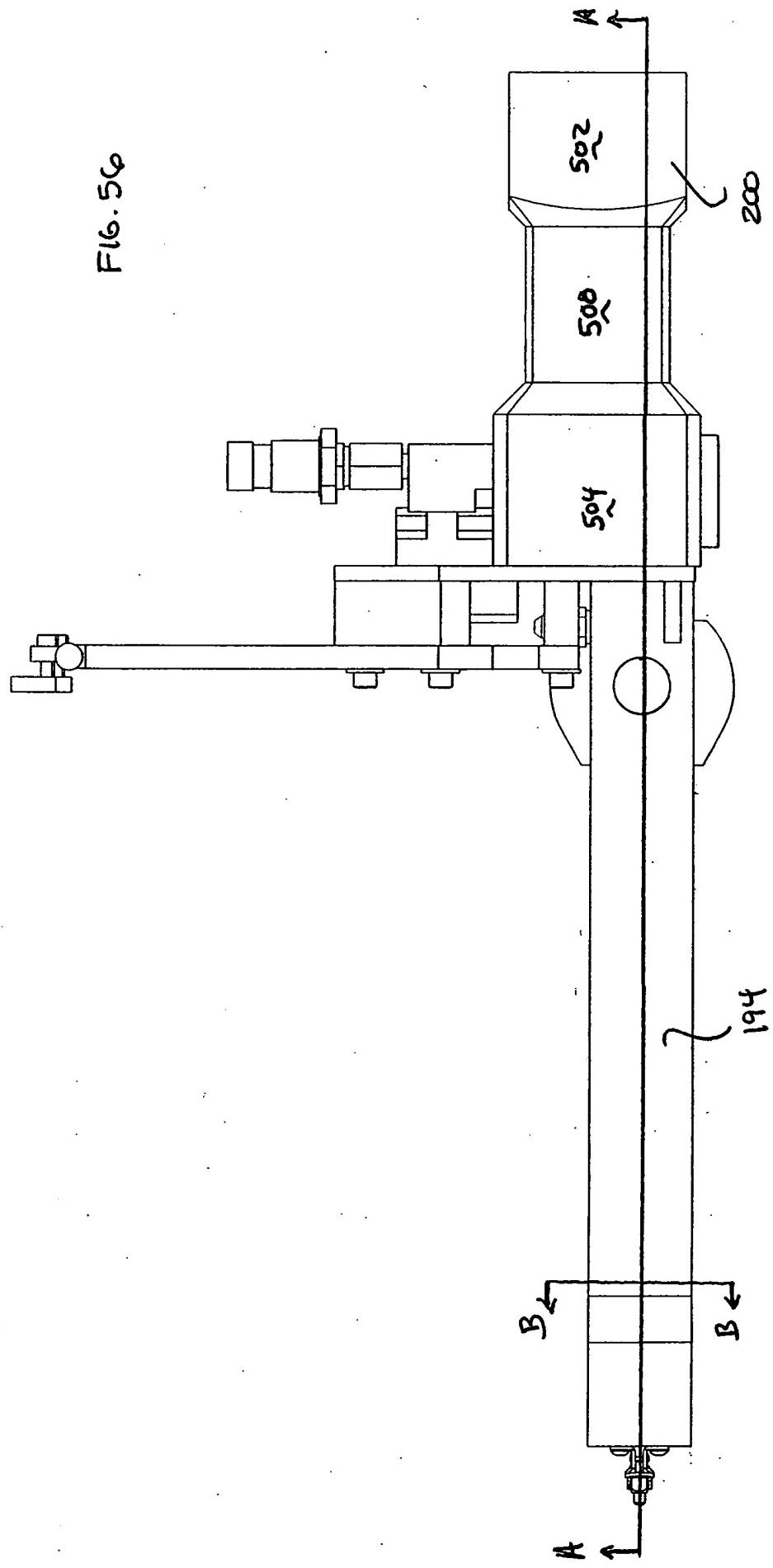
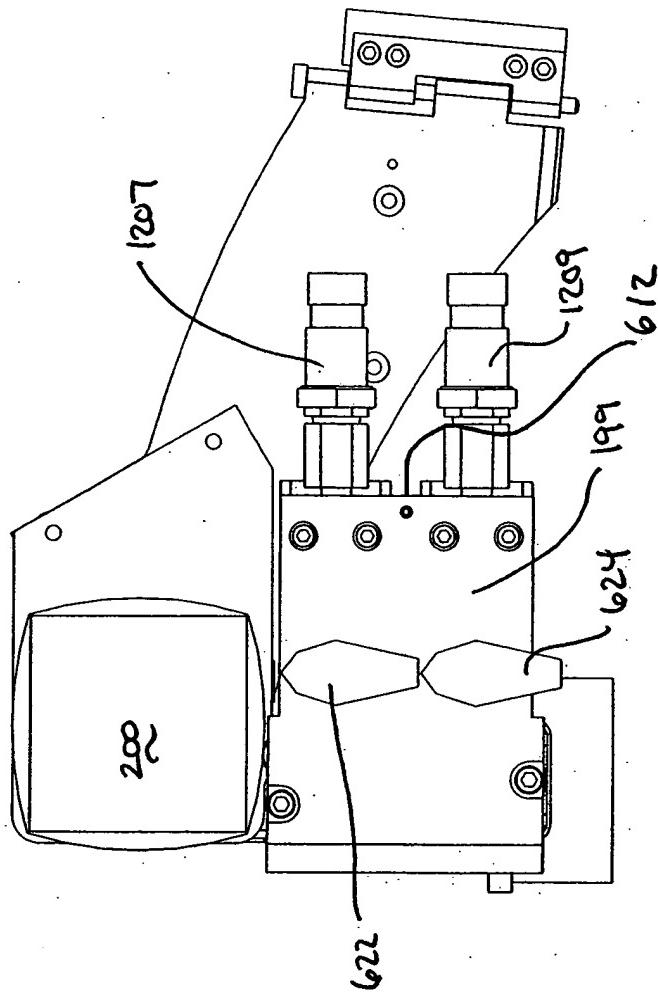


FIG. 5C



F16.57



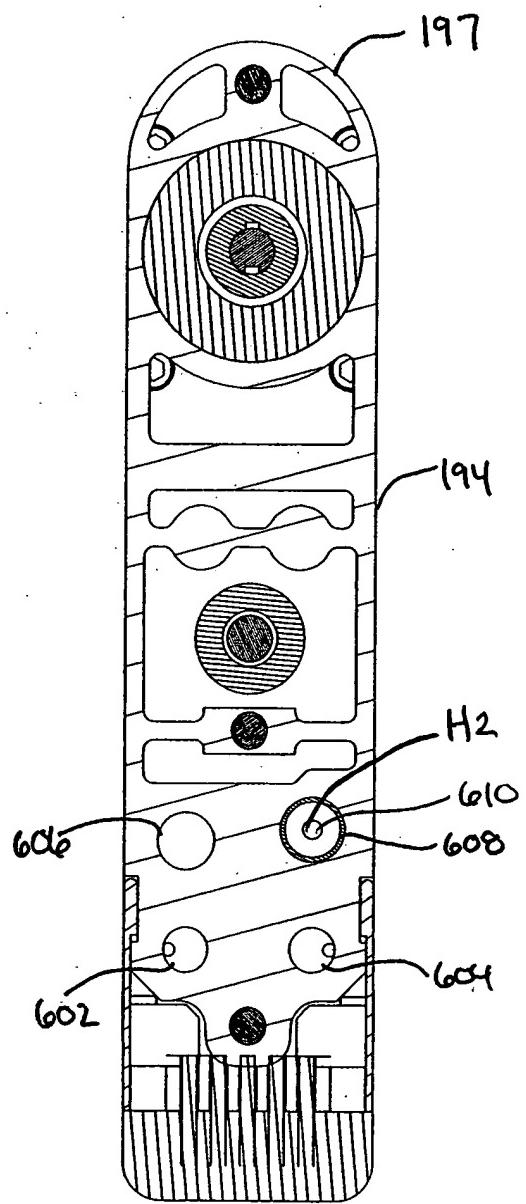
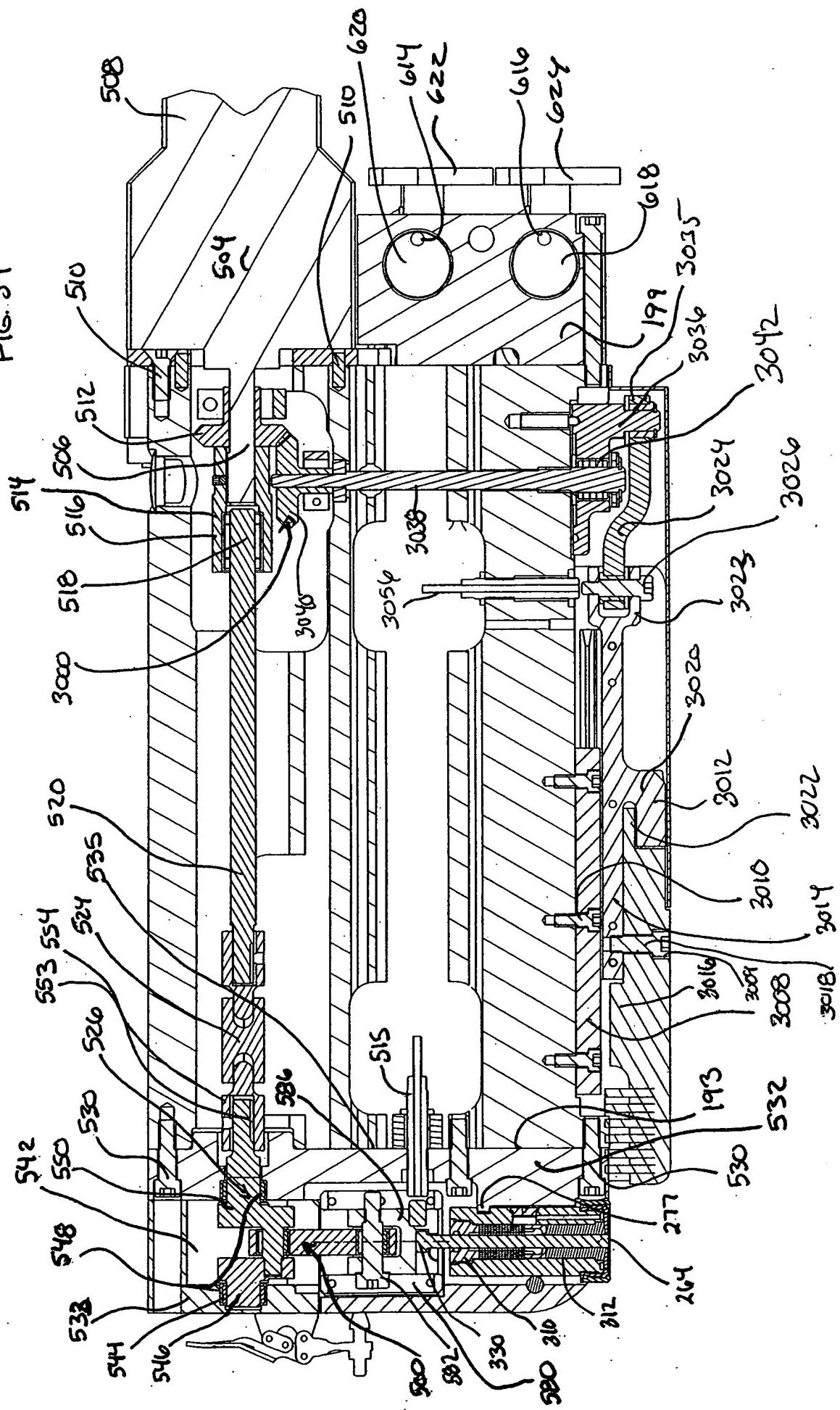


FIG. 58

Fig. 59



F16.60

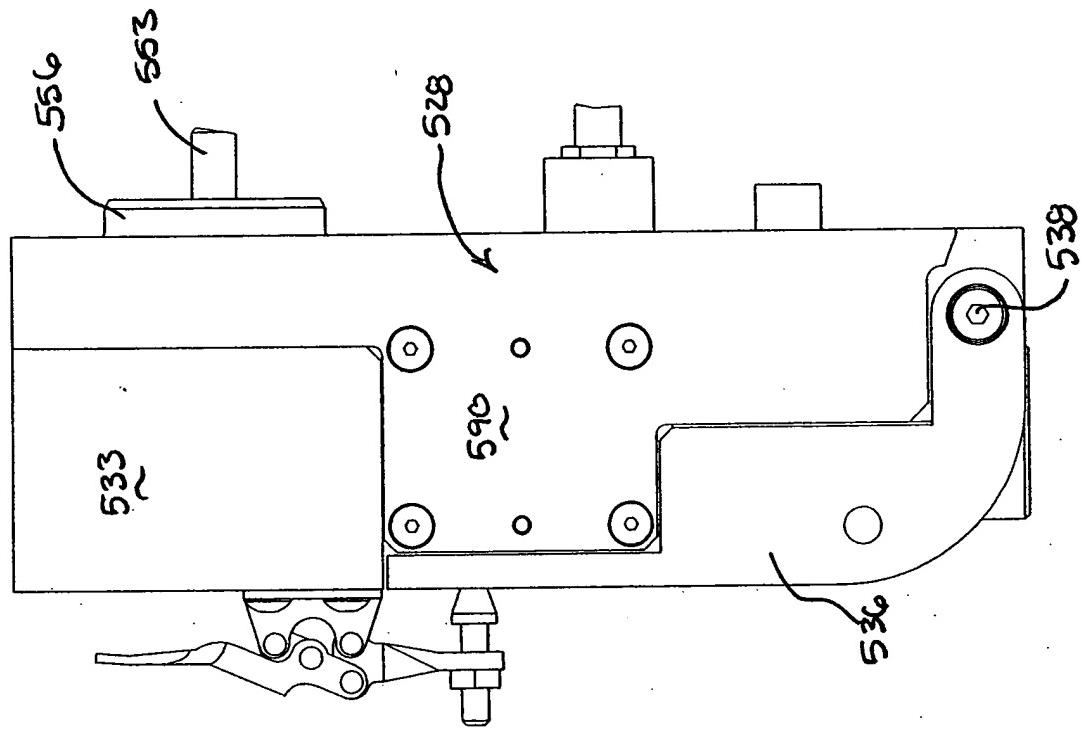


FIG. 61

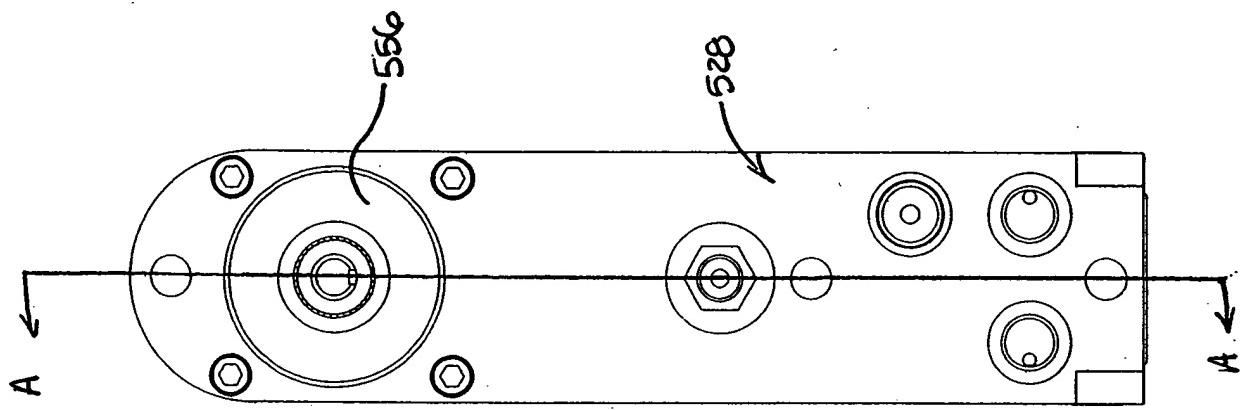


FIG. 62

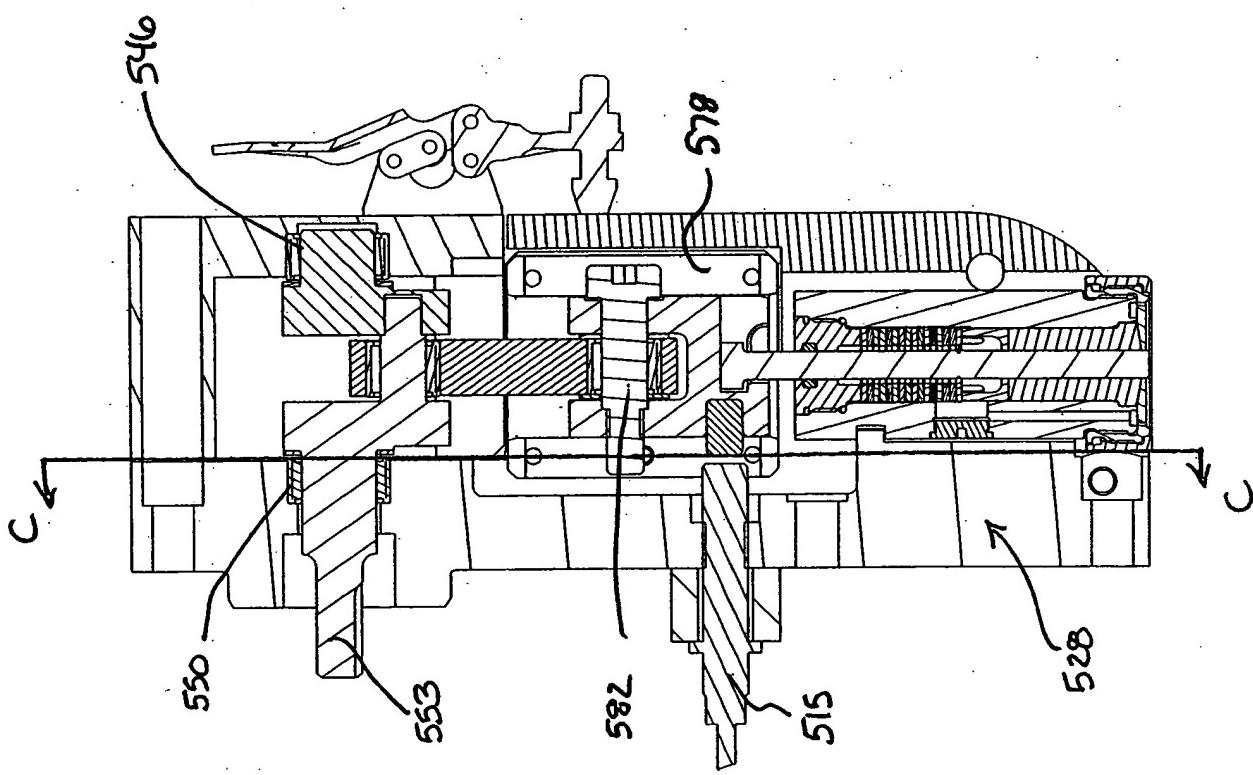
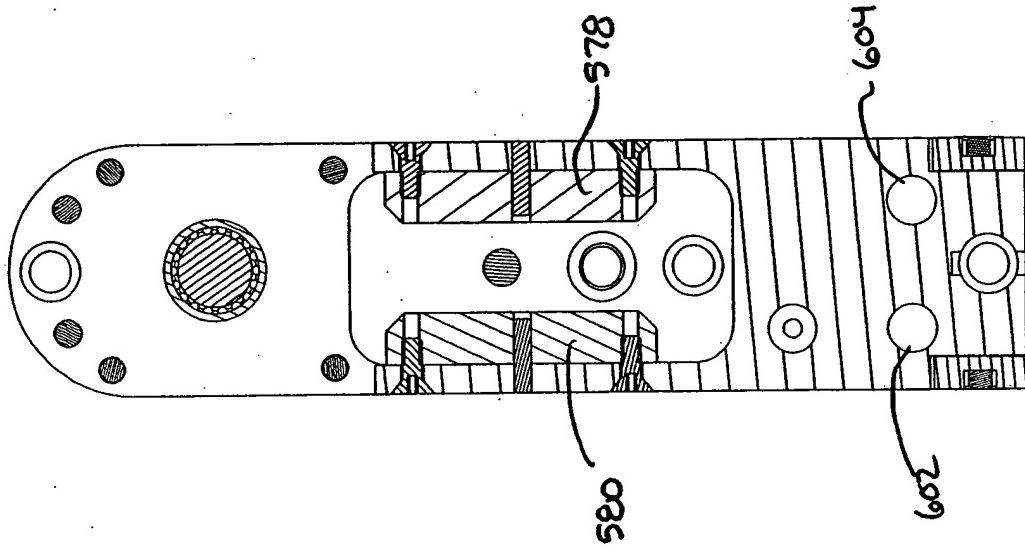


FIG. 63



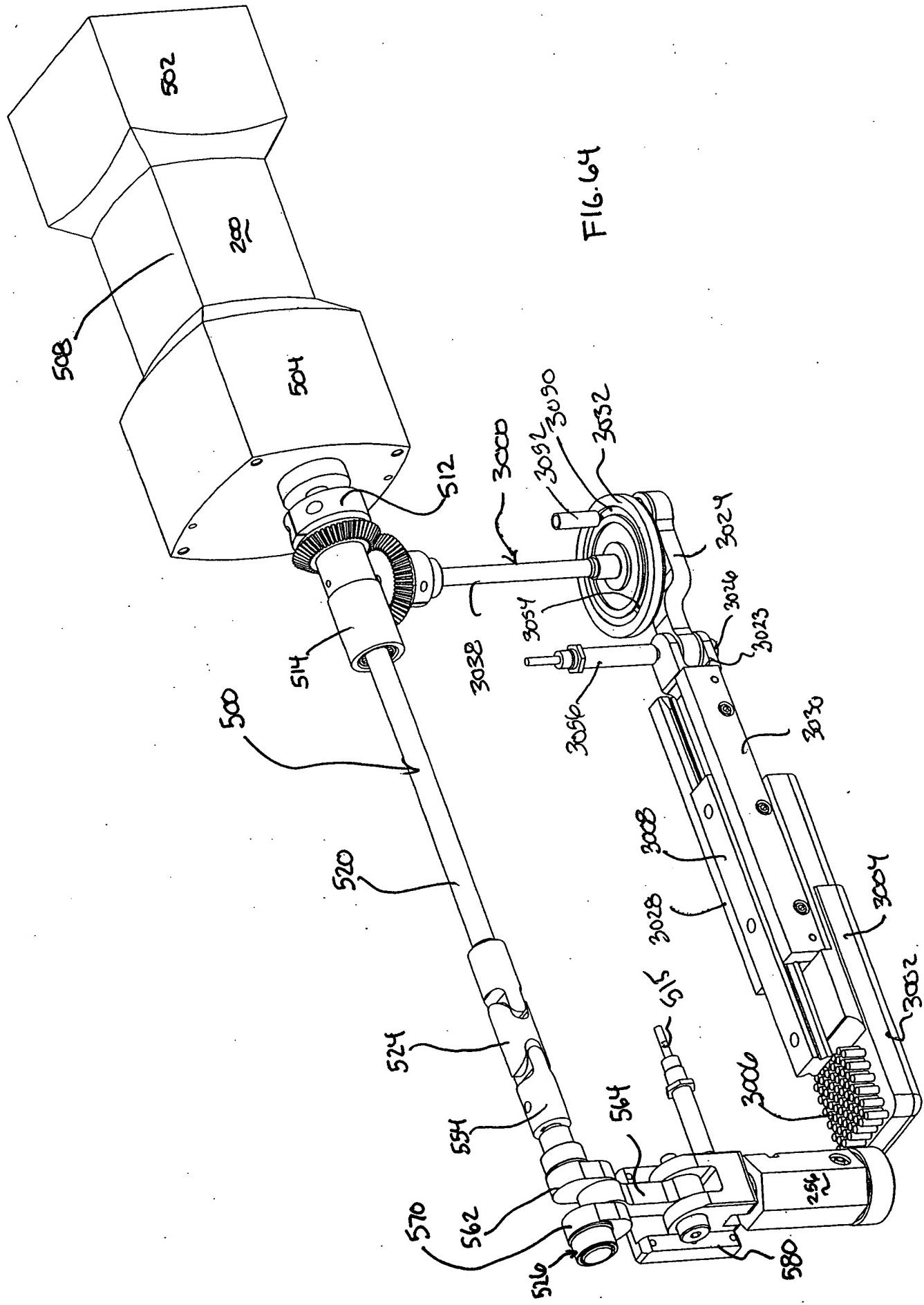
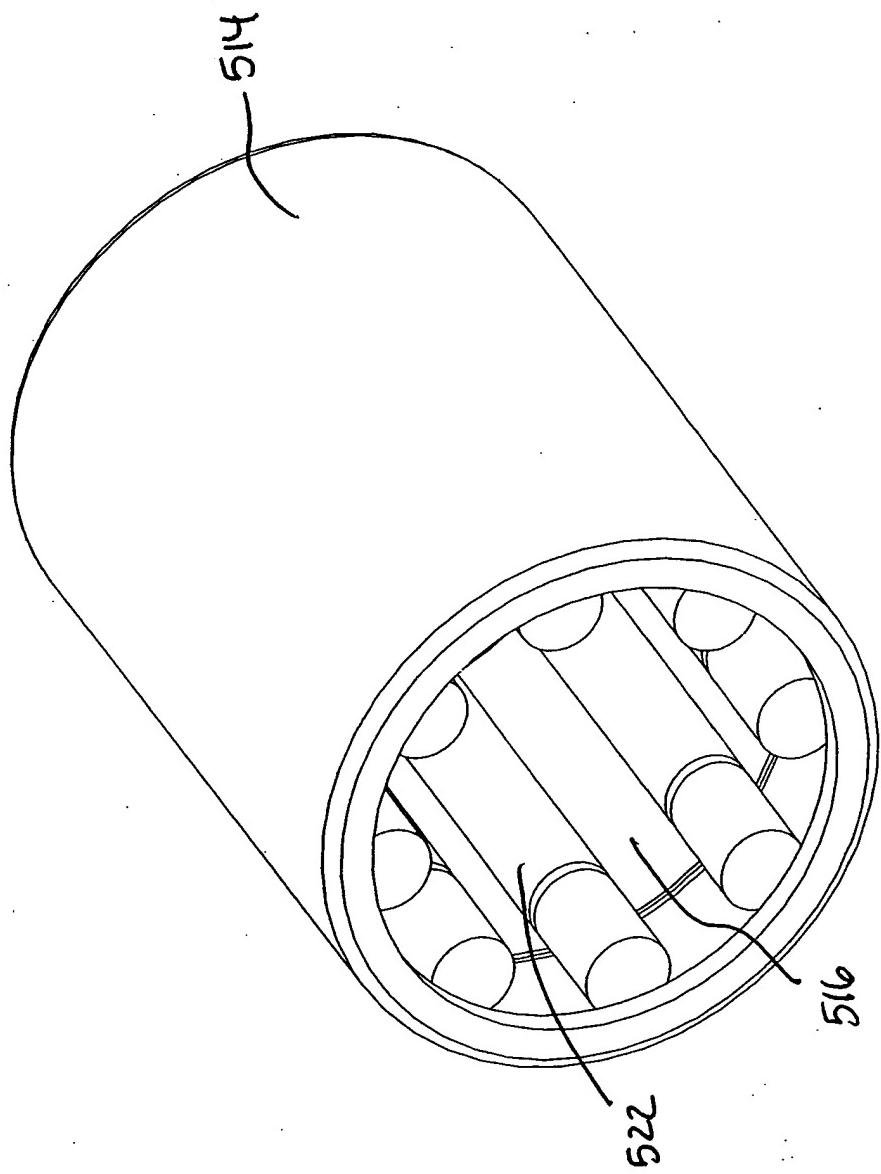


FIG. 65



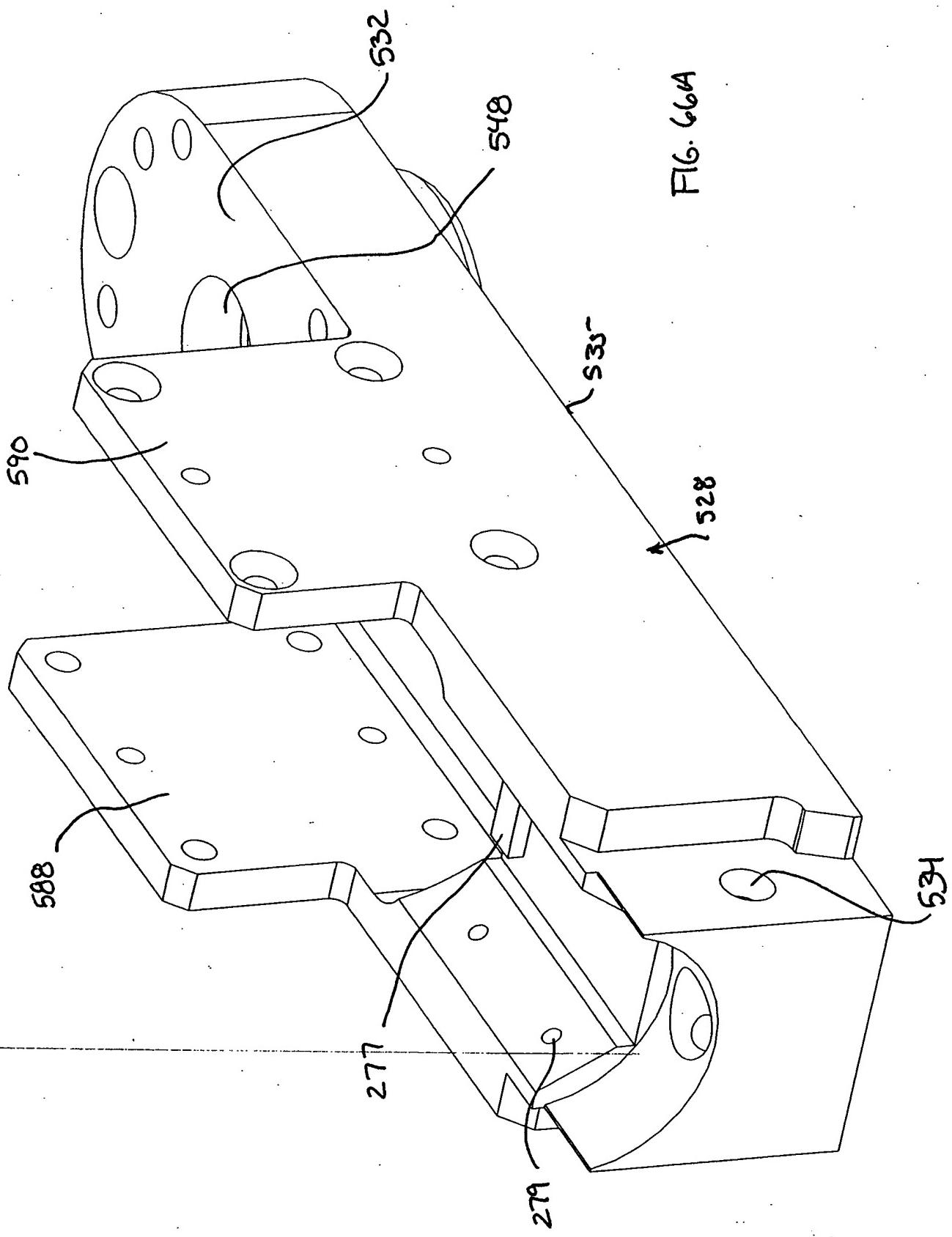


FIG. 666B

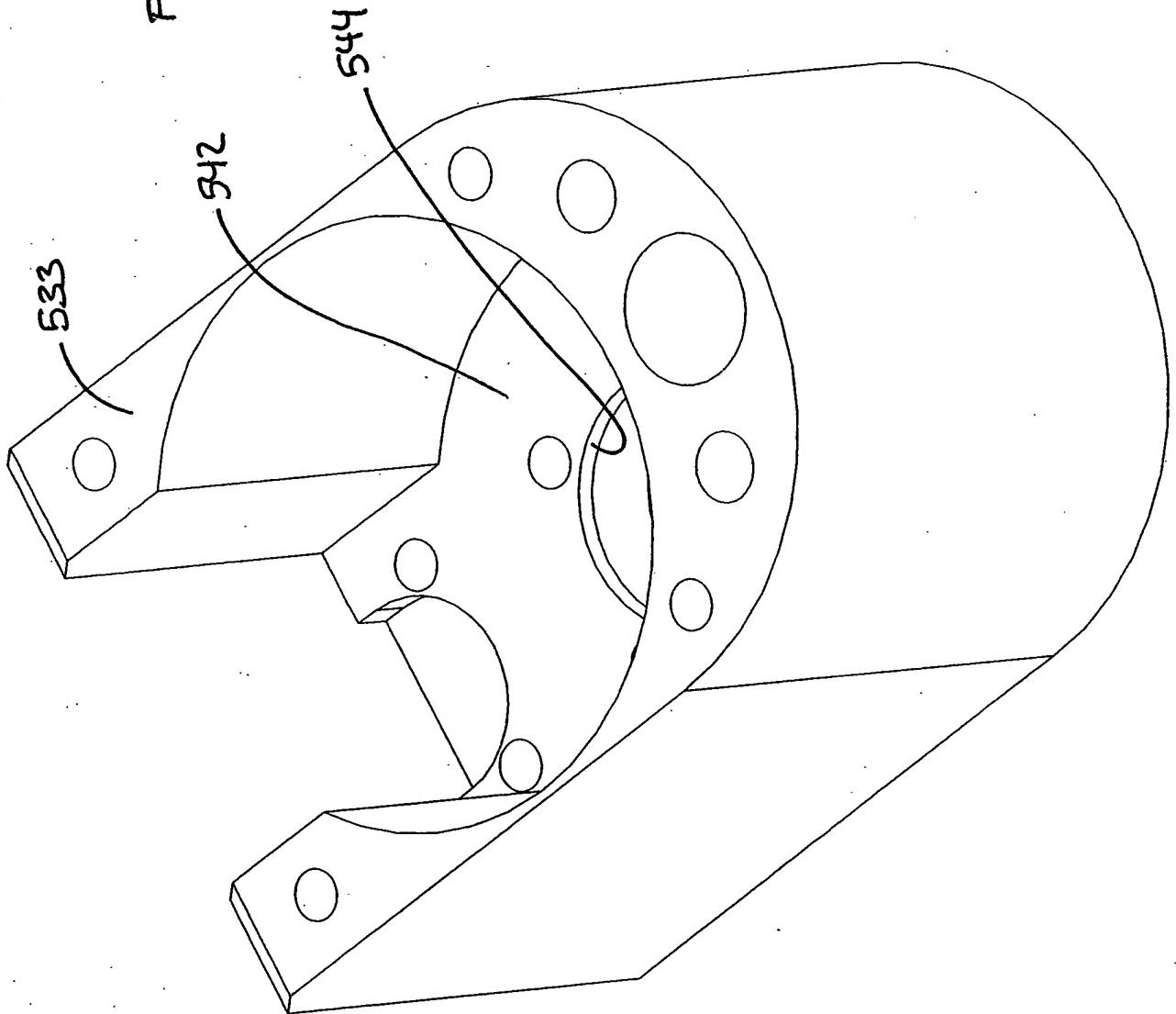
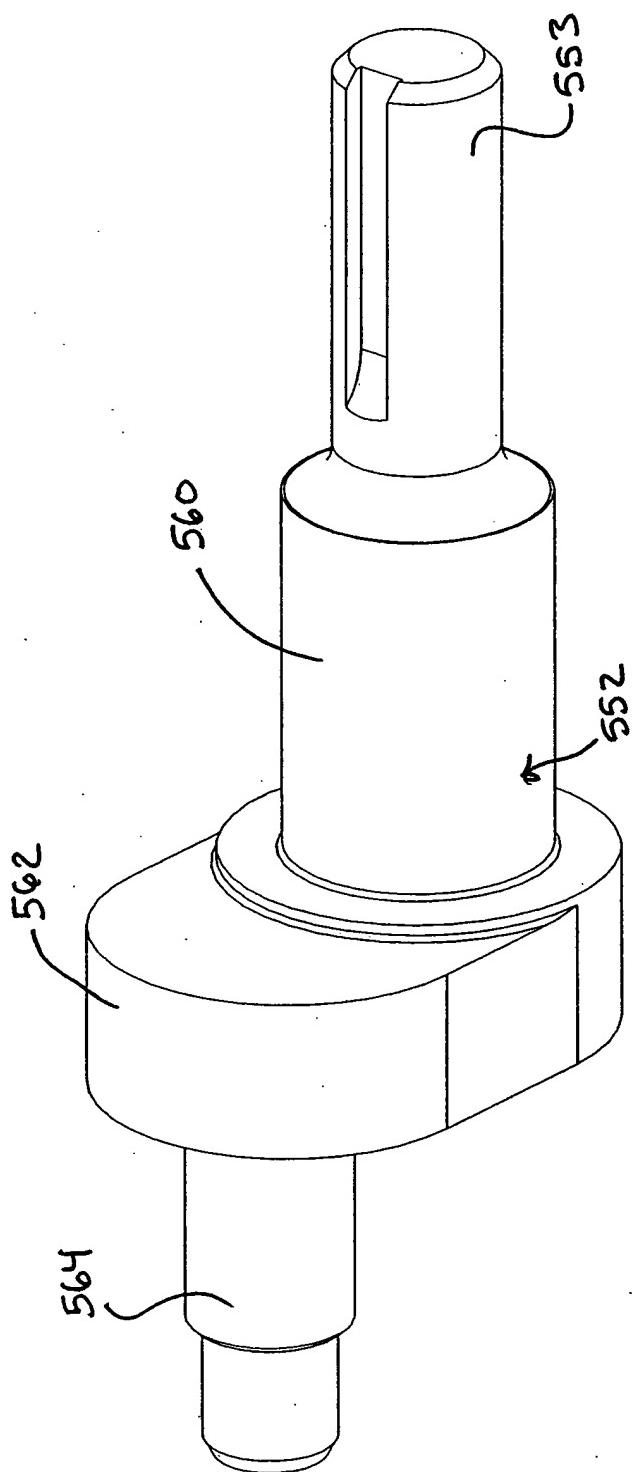


Fig. 67



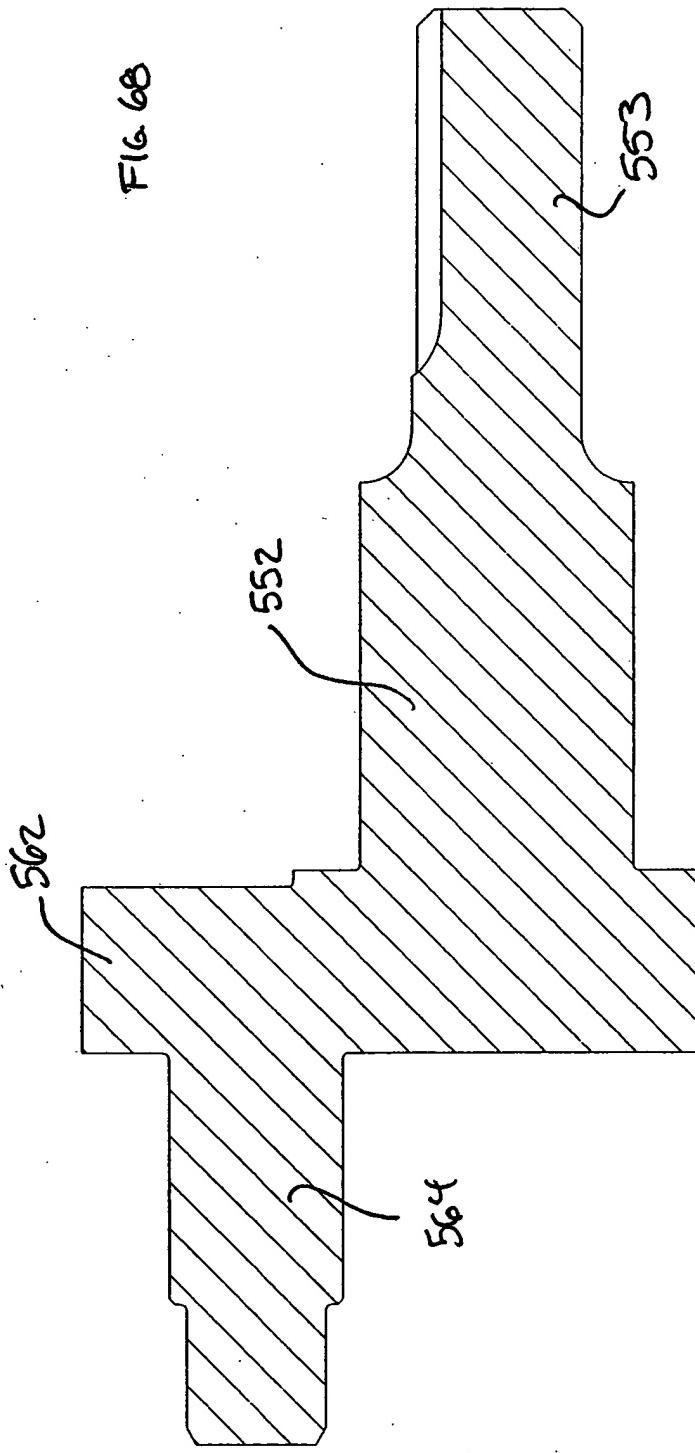


Fig. 68

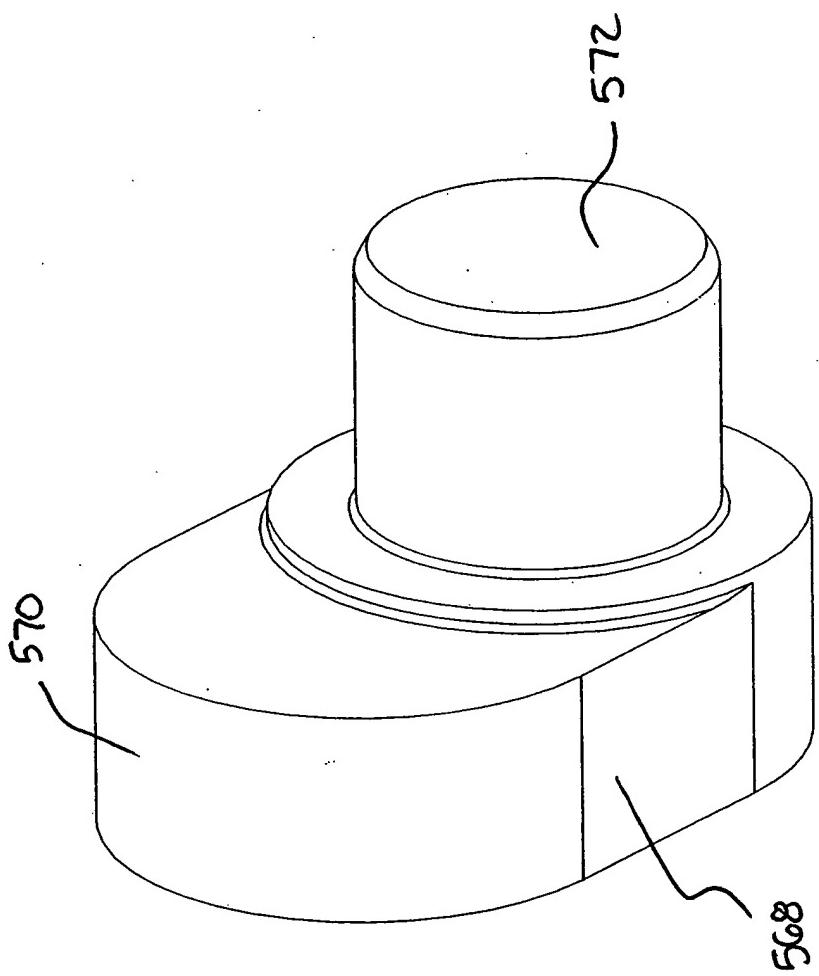


Fig. 69

F16.70

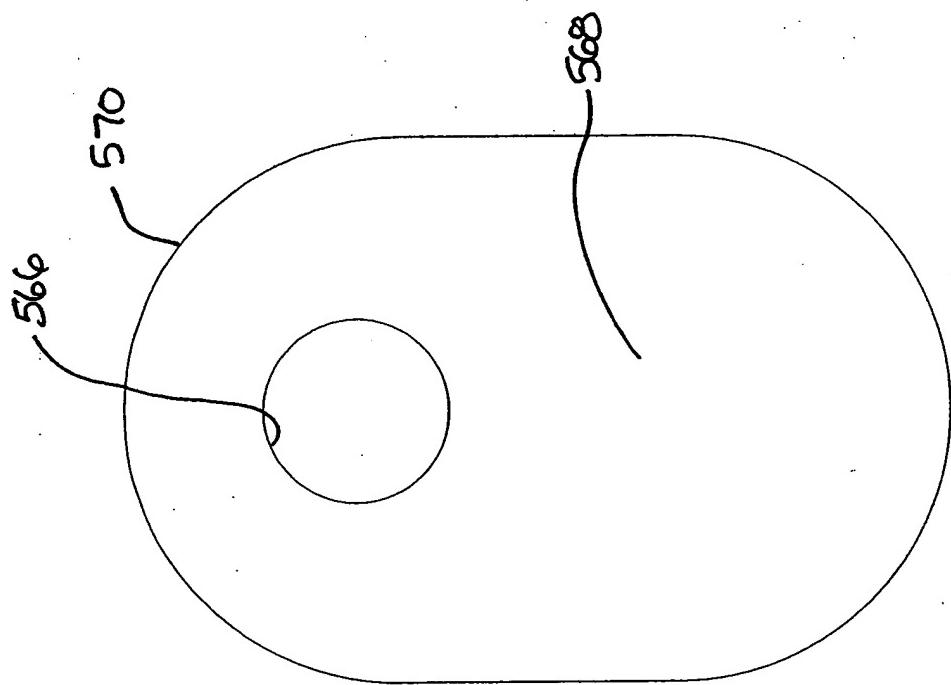
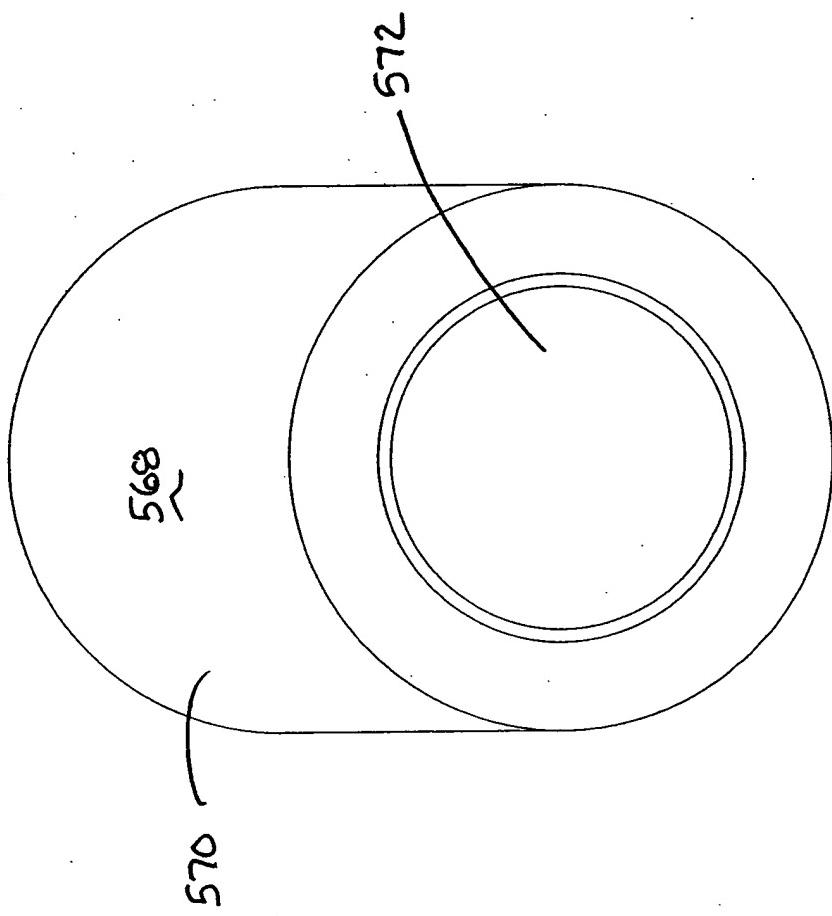


Fig. 71



F16.72

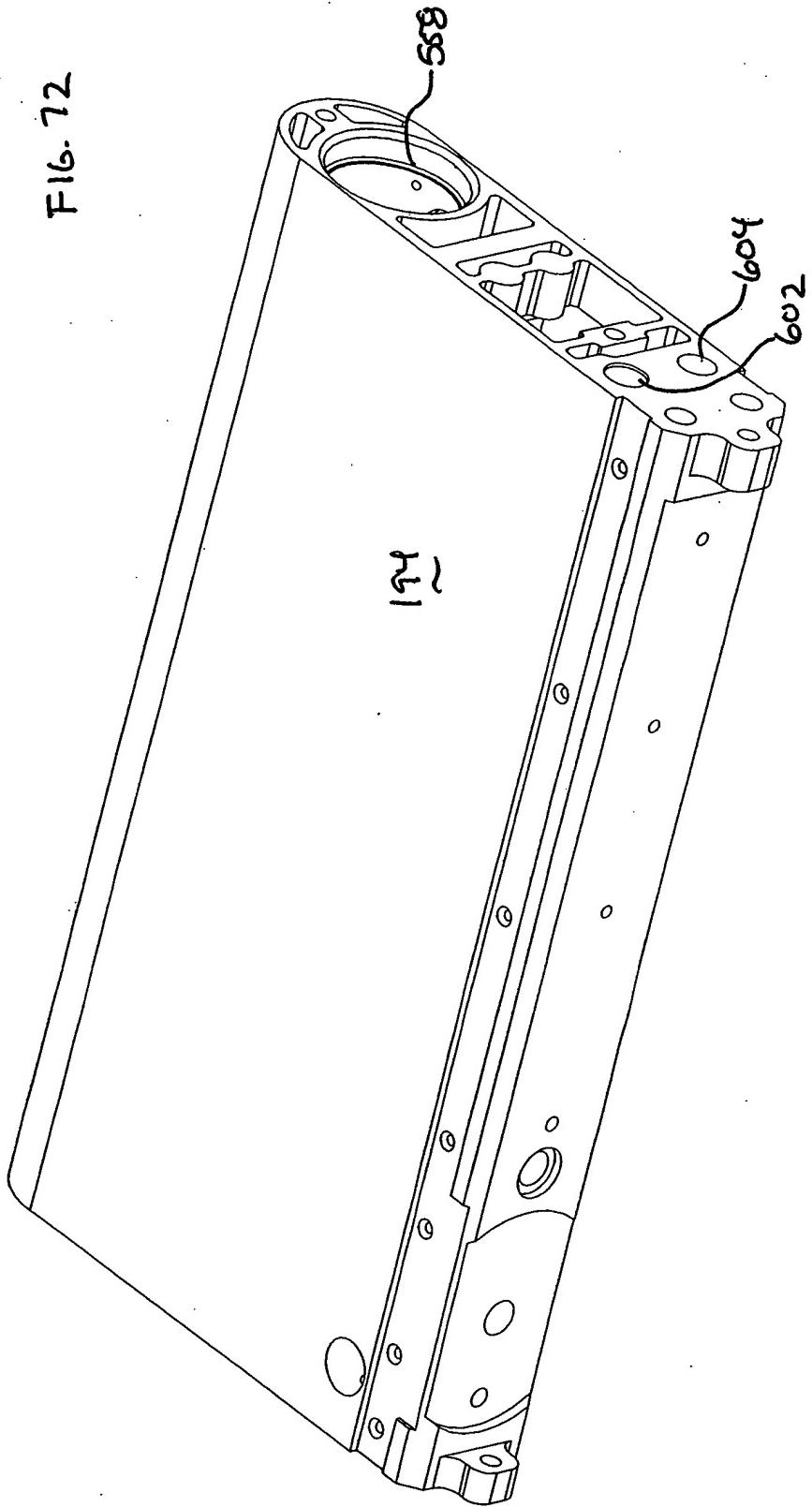


FIG. 72A

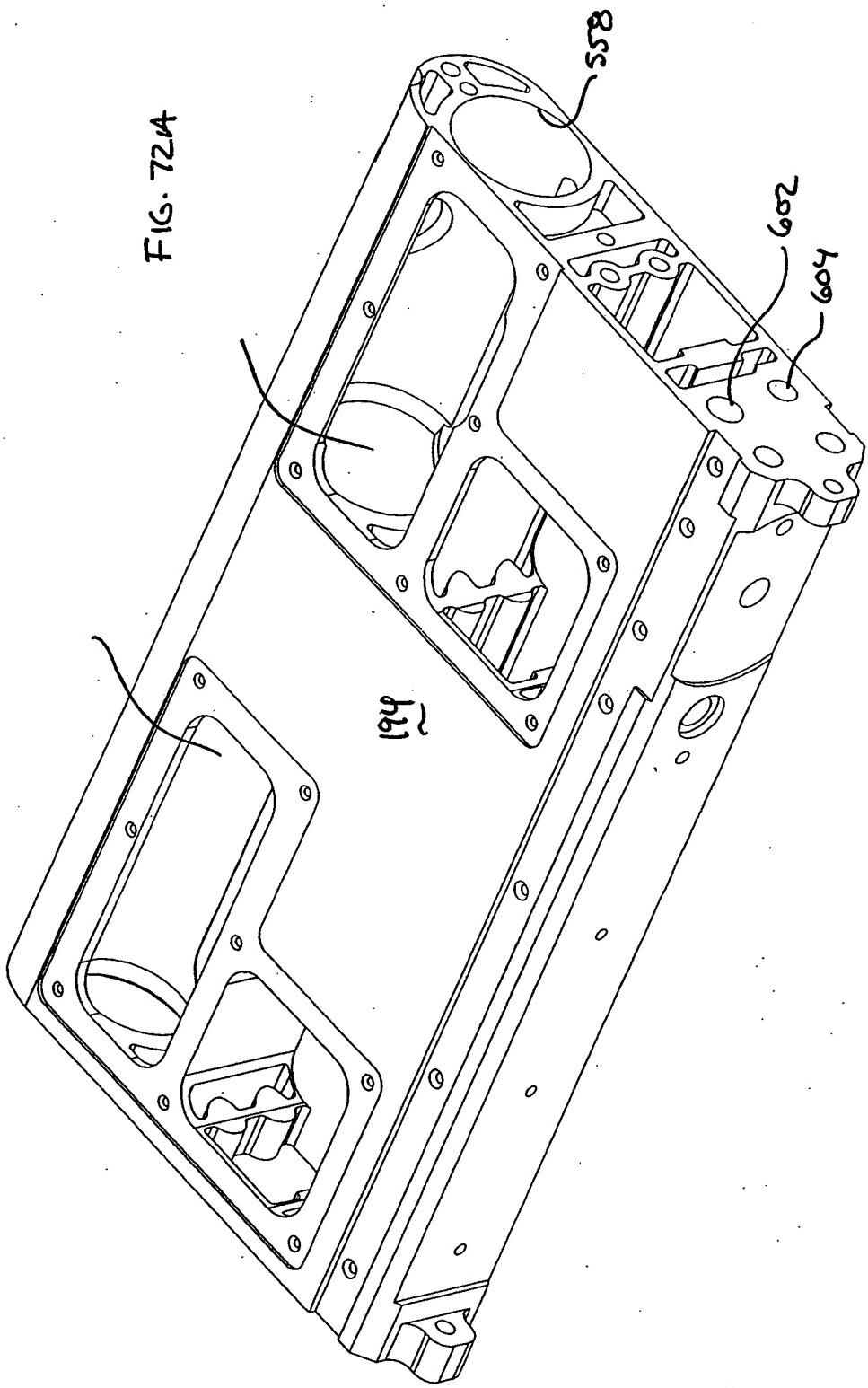


FIG. 73

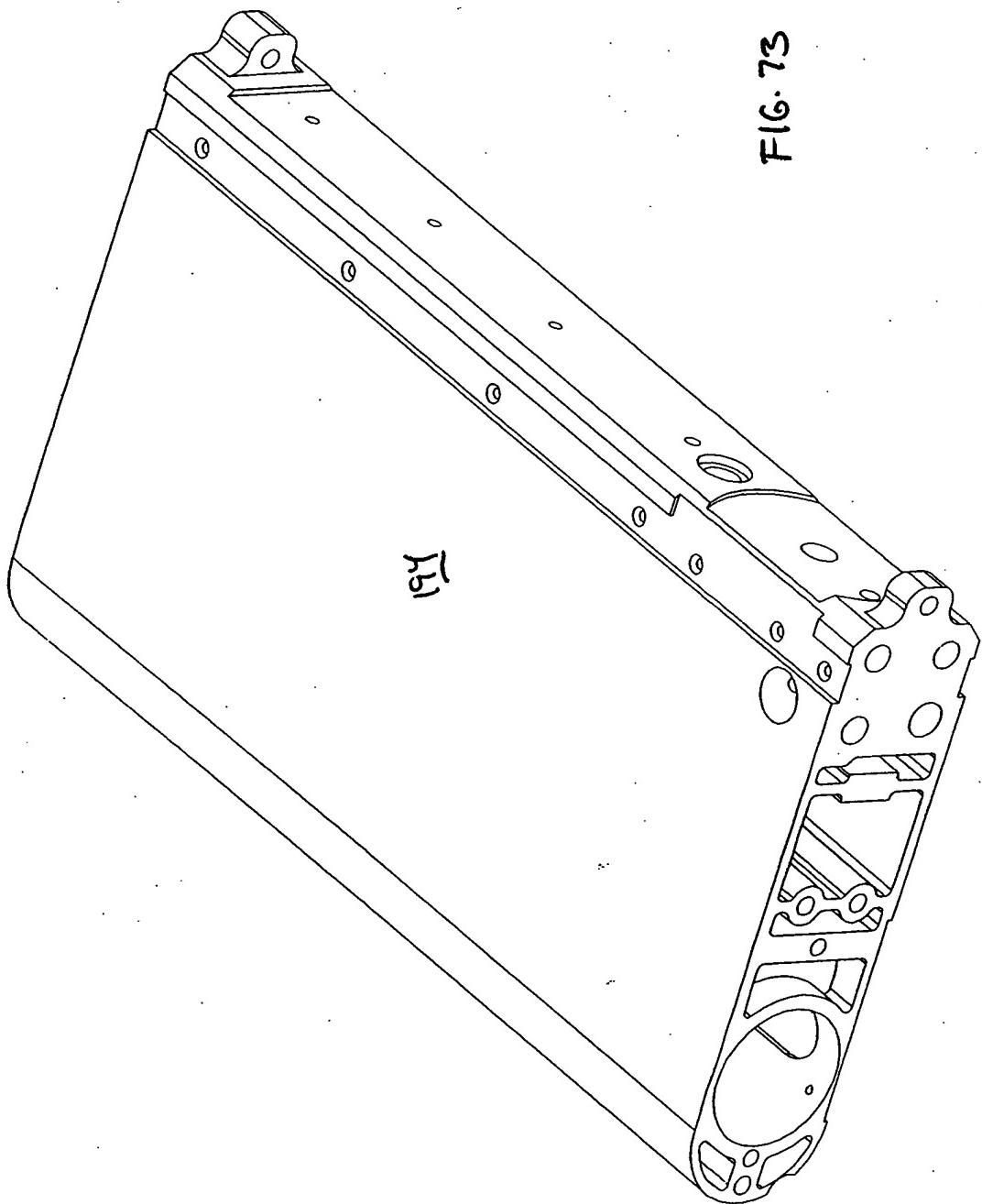
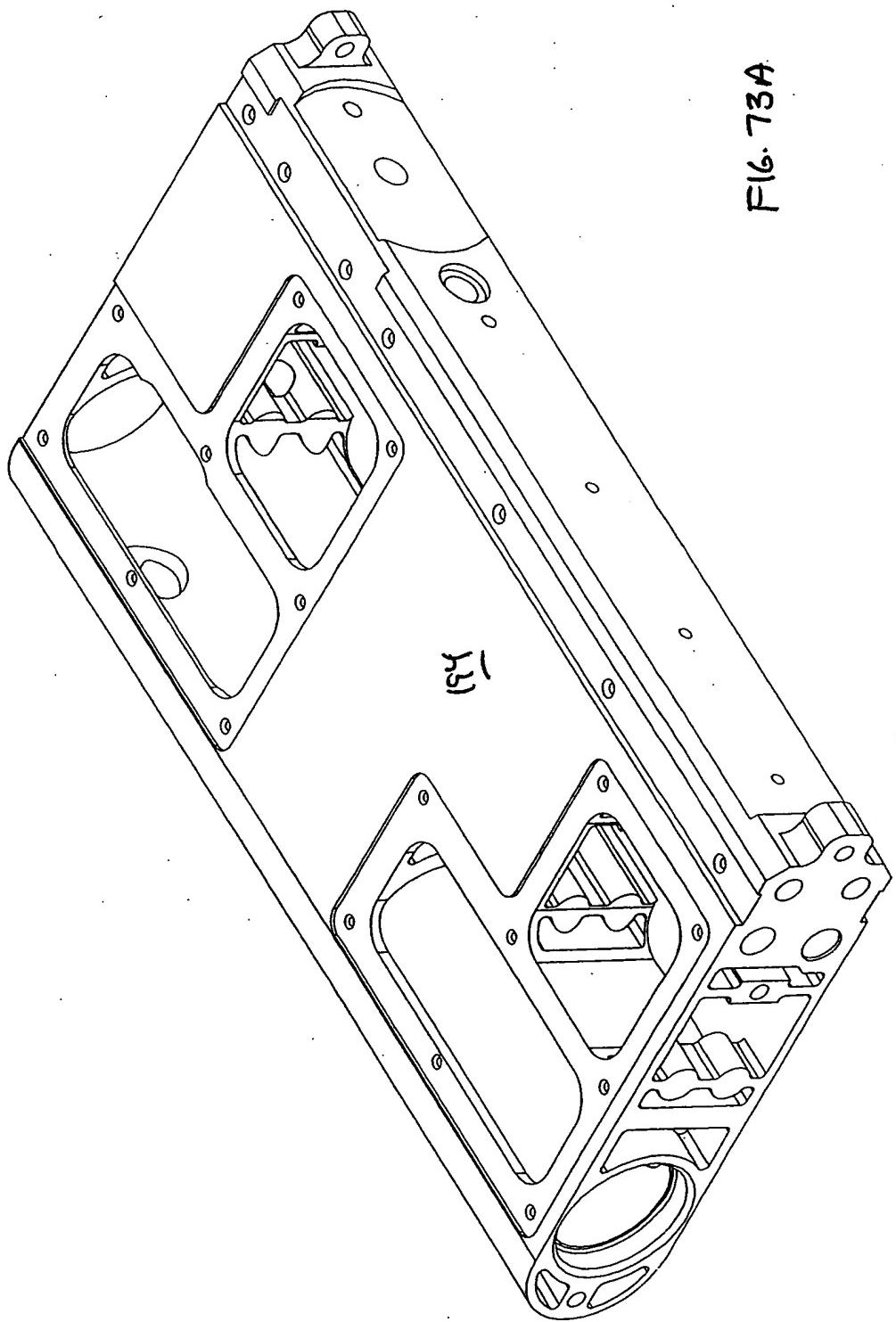


FIG. 73A



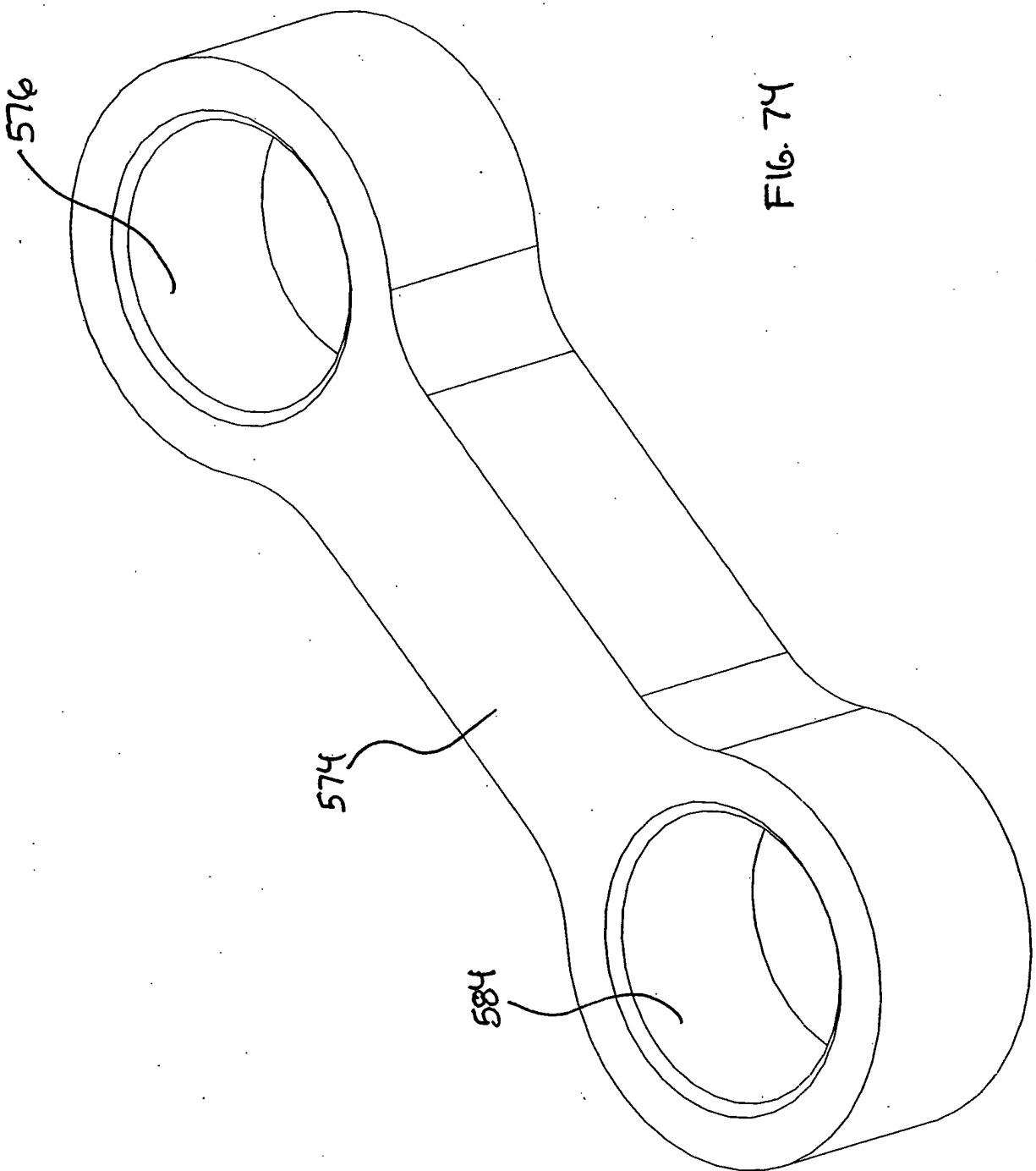
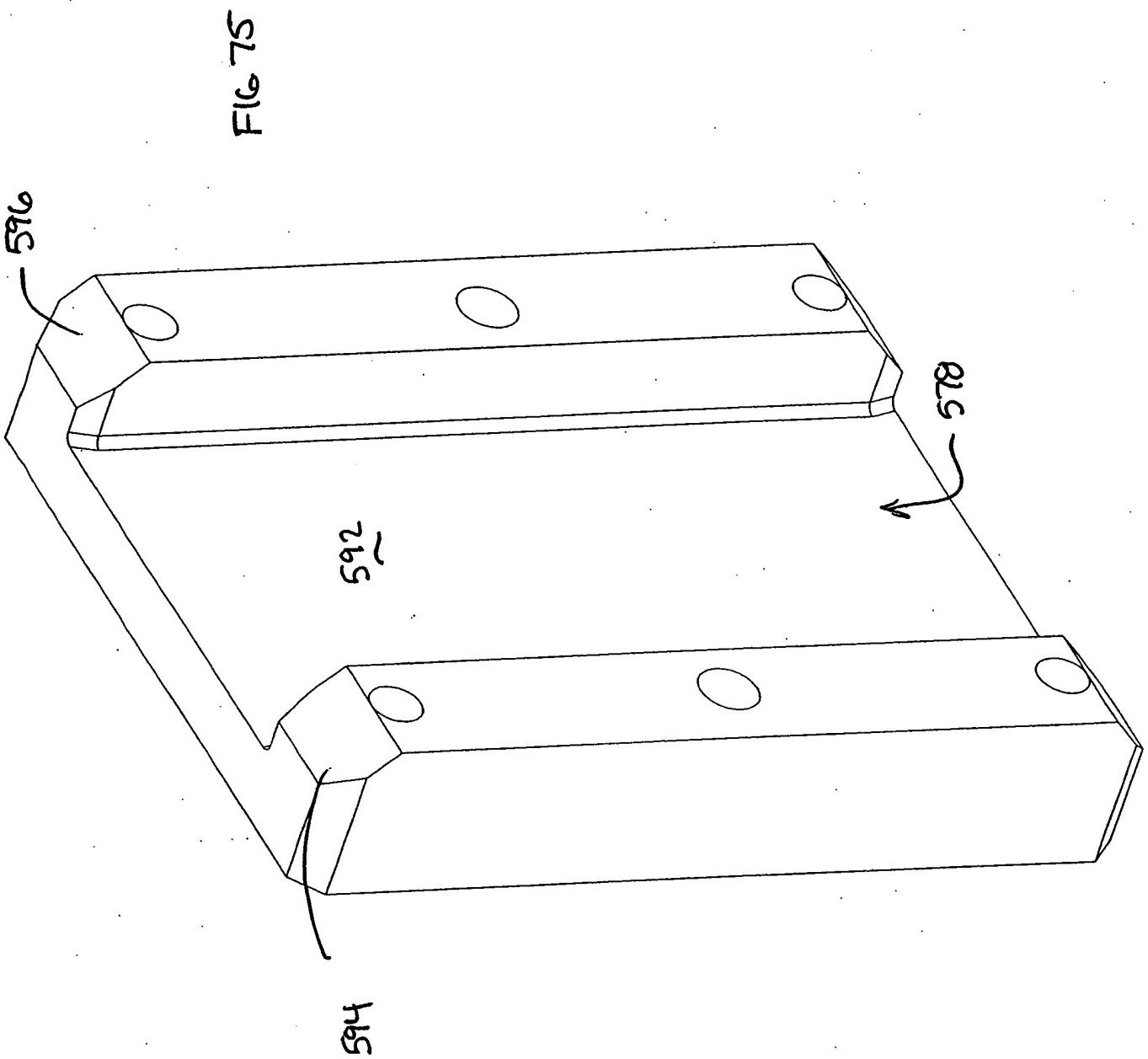


Fig. 74



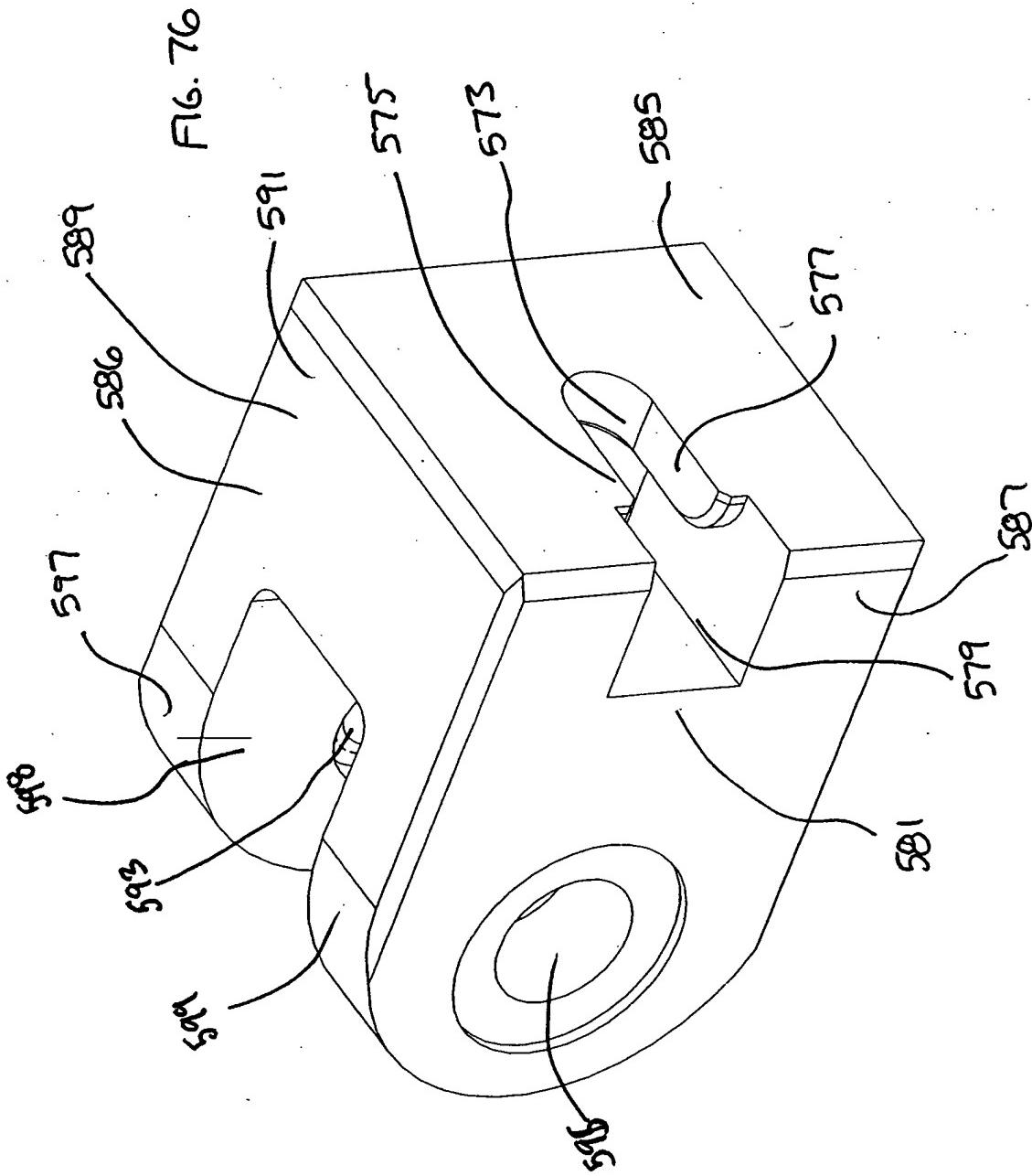


FIG. 77

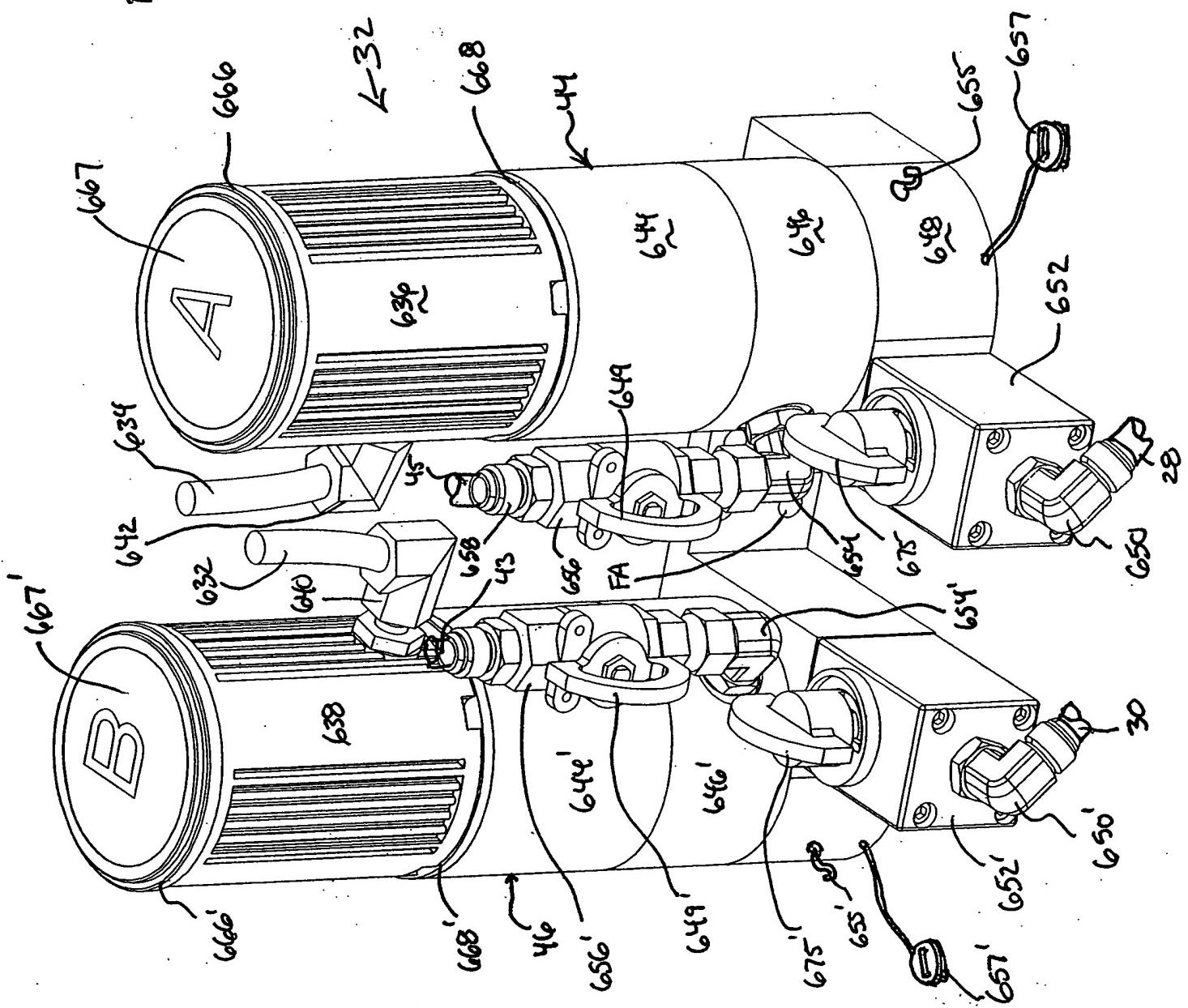
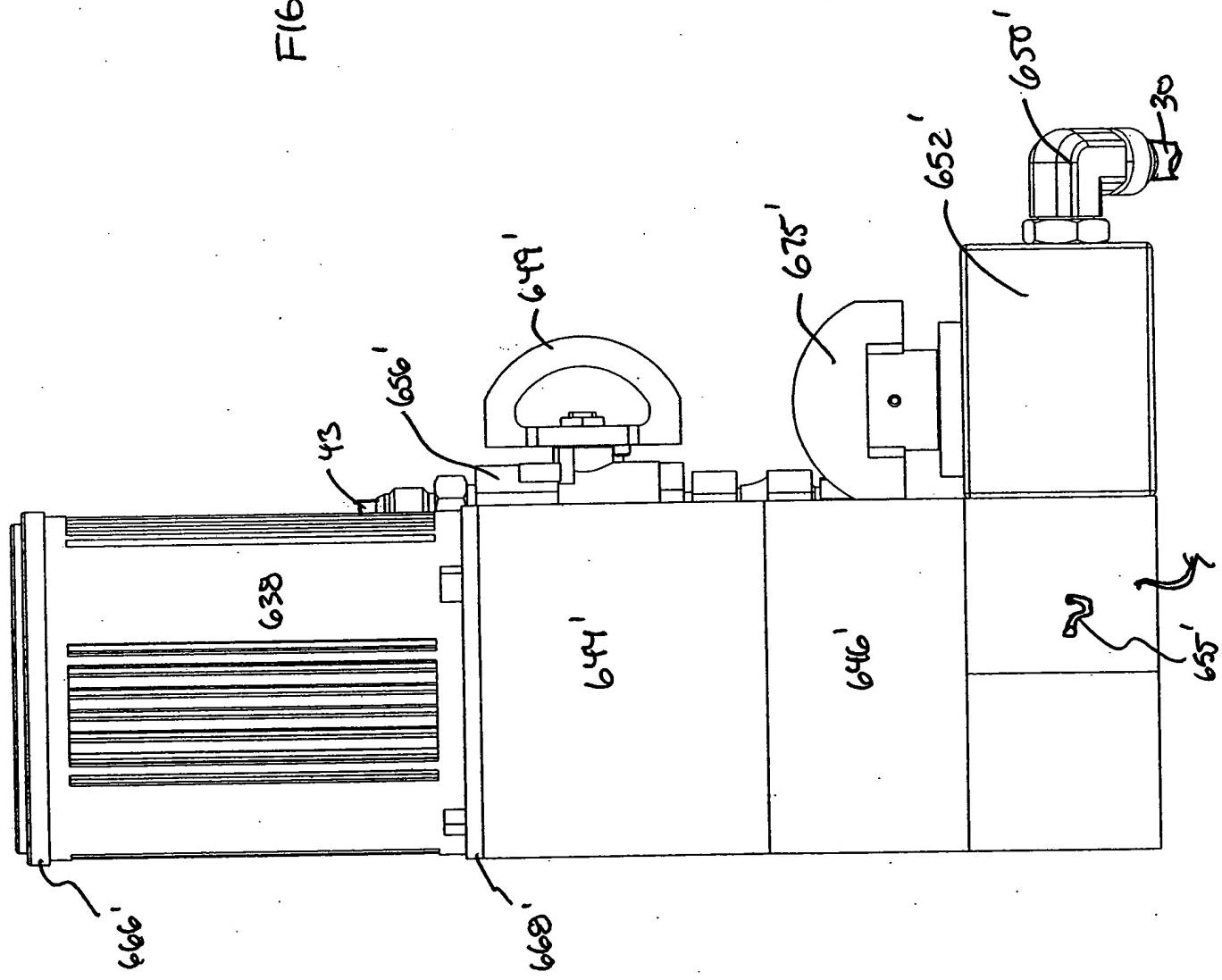


FIG. 77A



F16.78

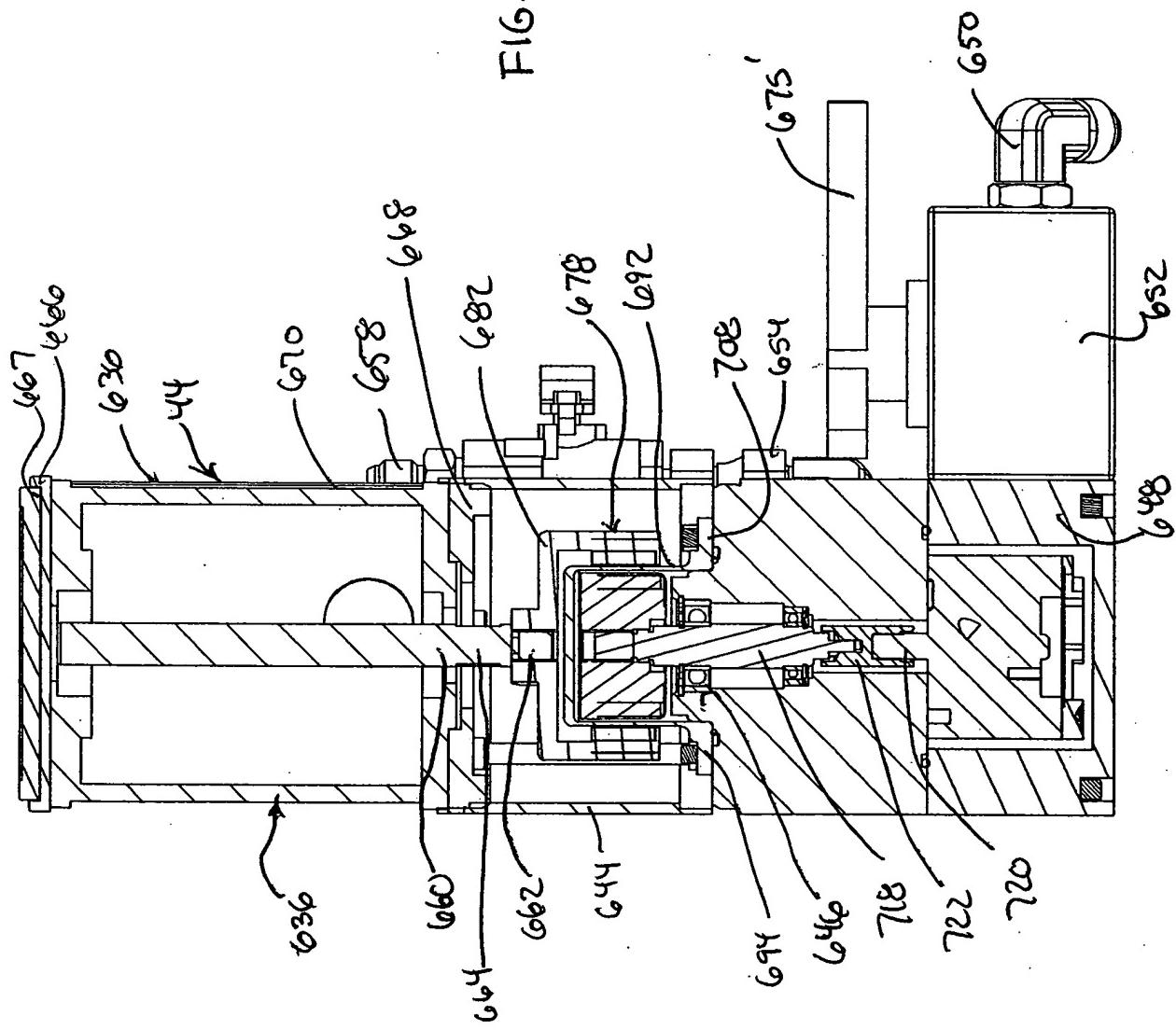


FIG. 79

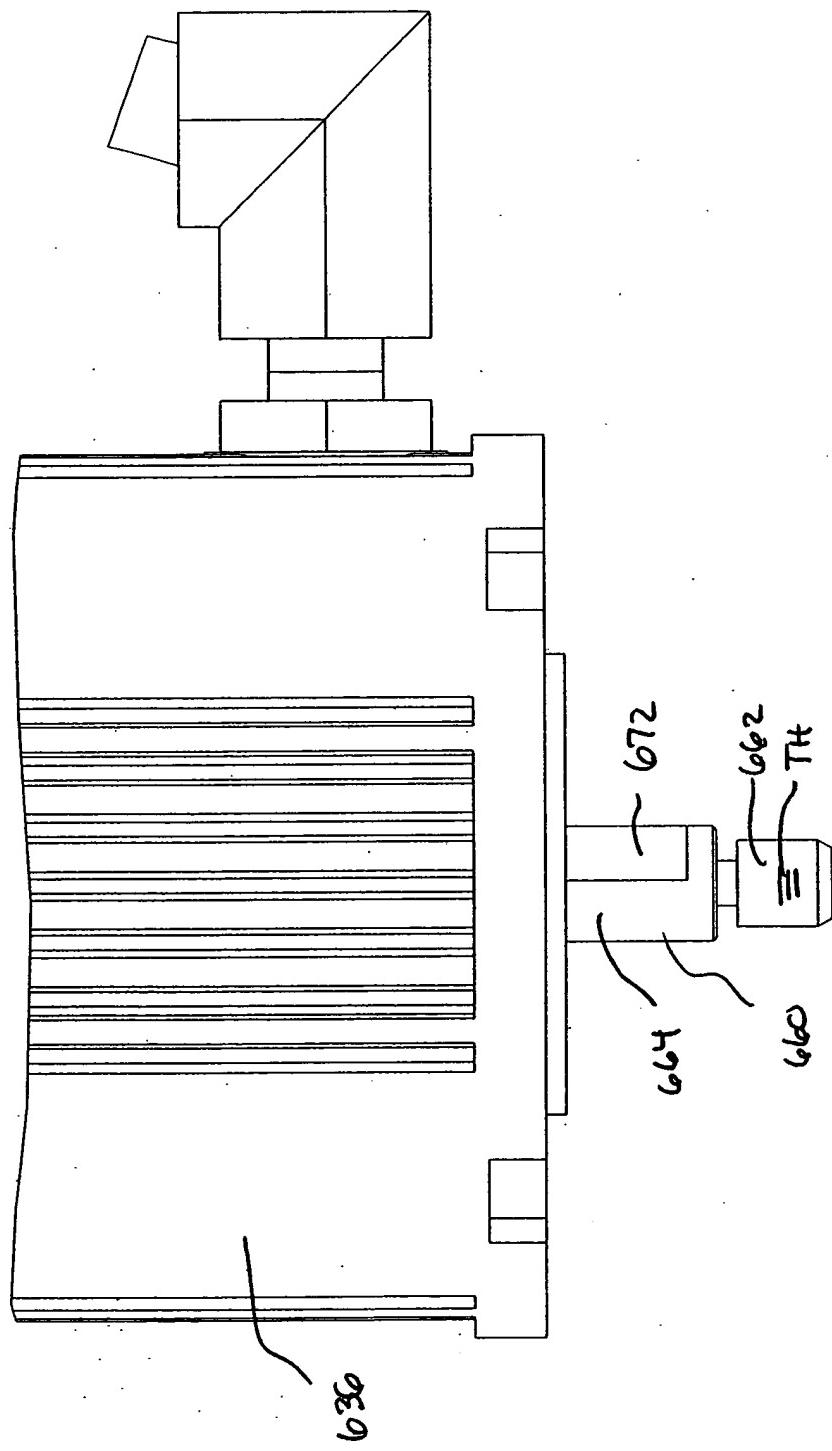
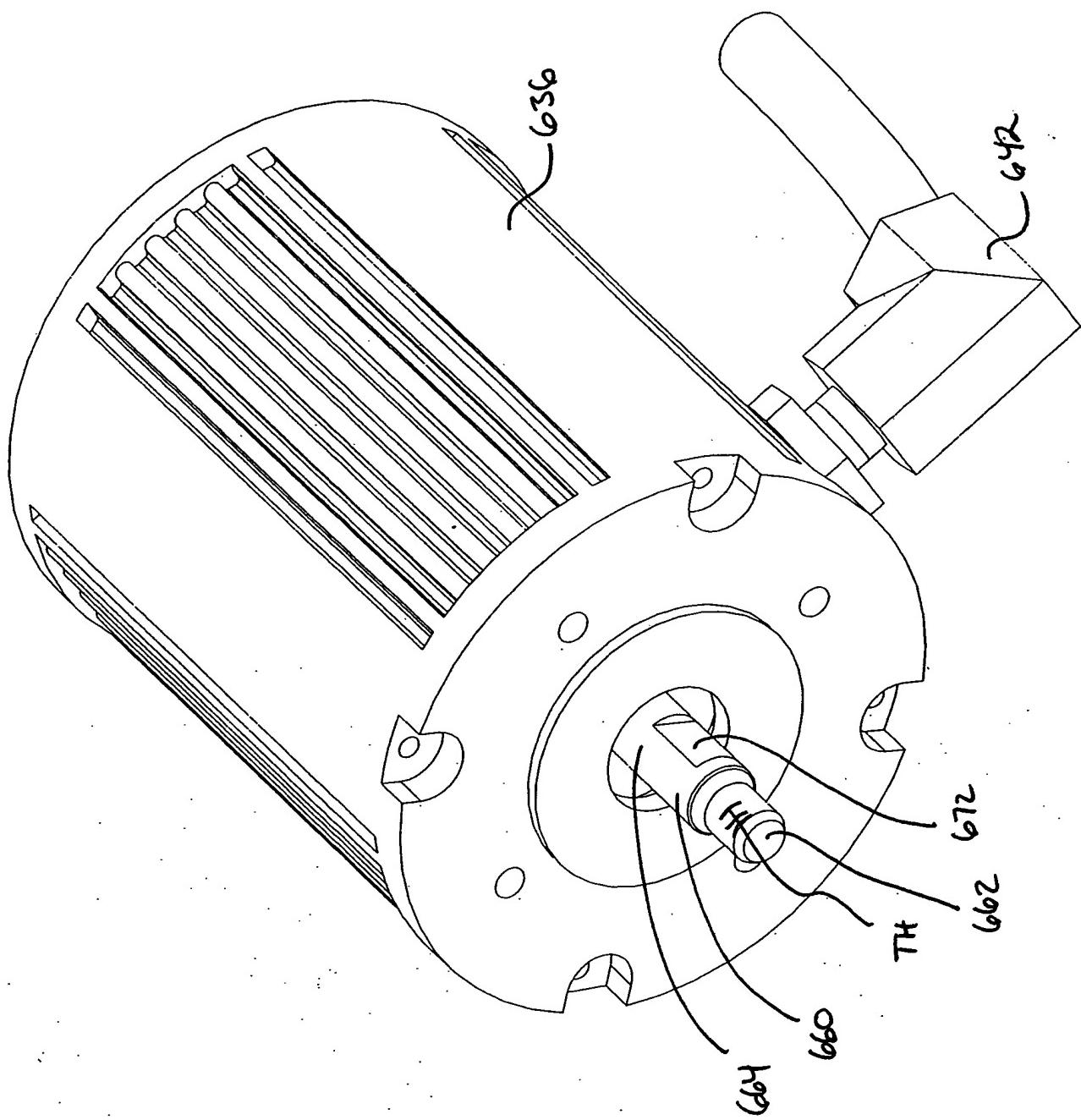
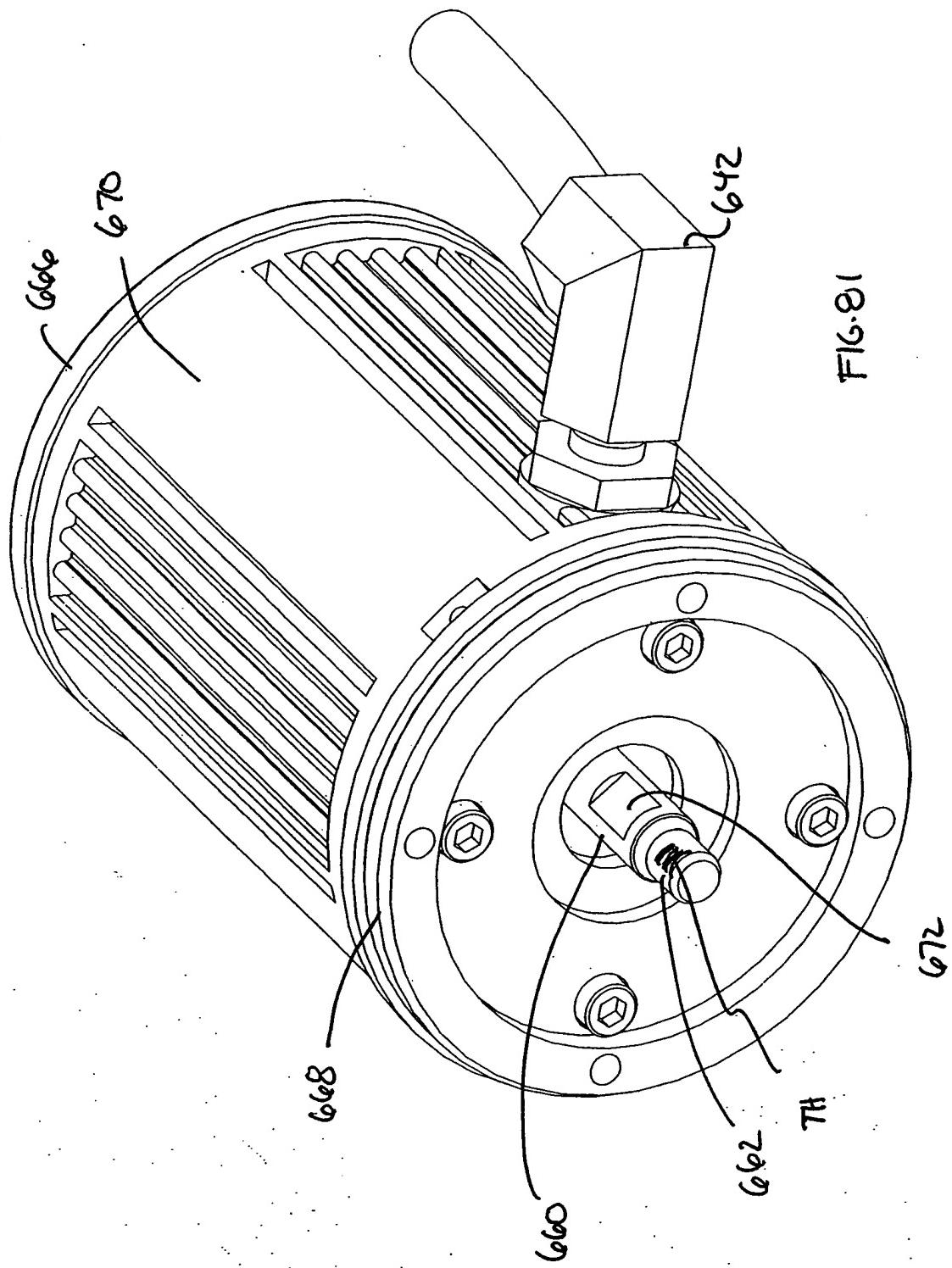
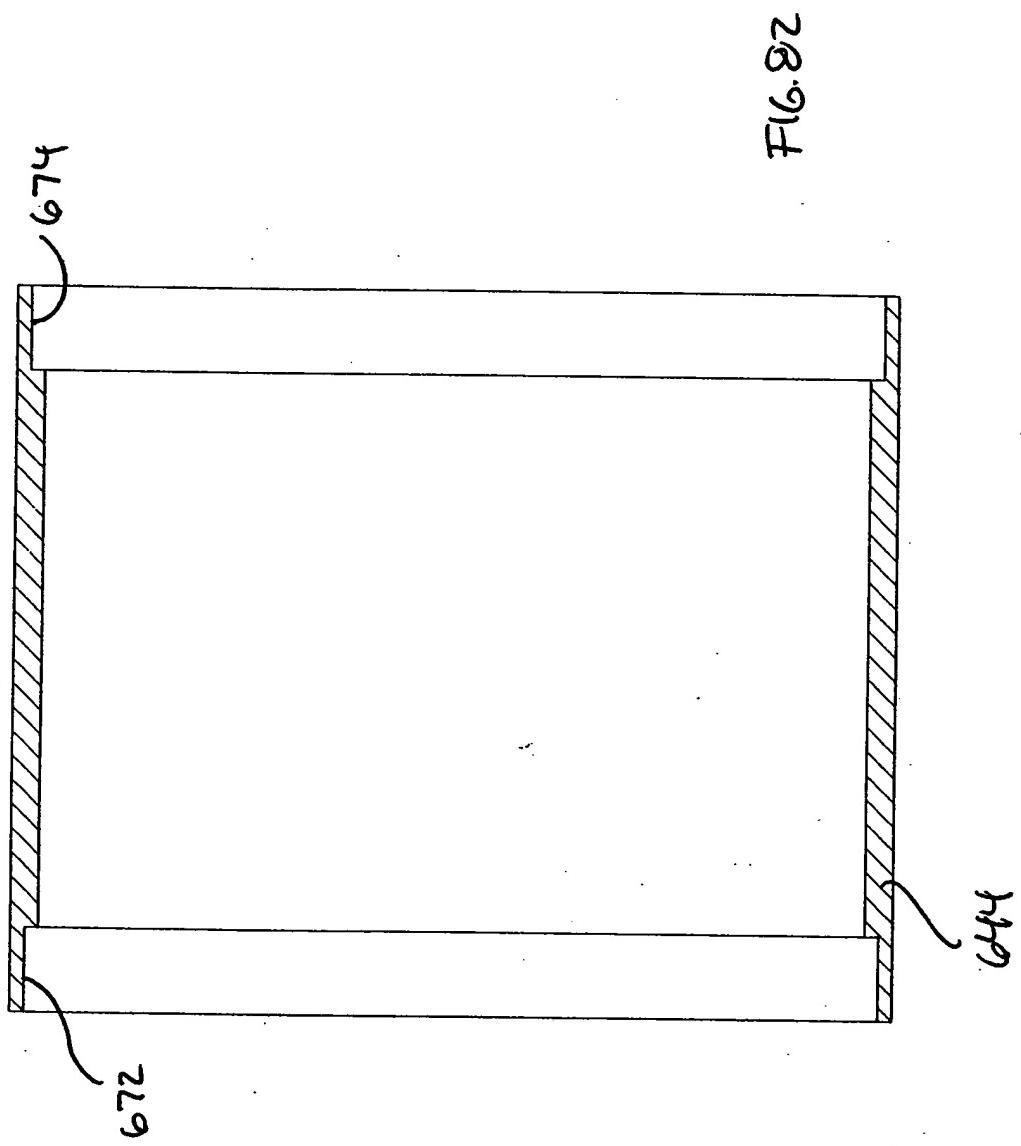


FIG. 80







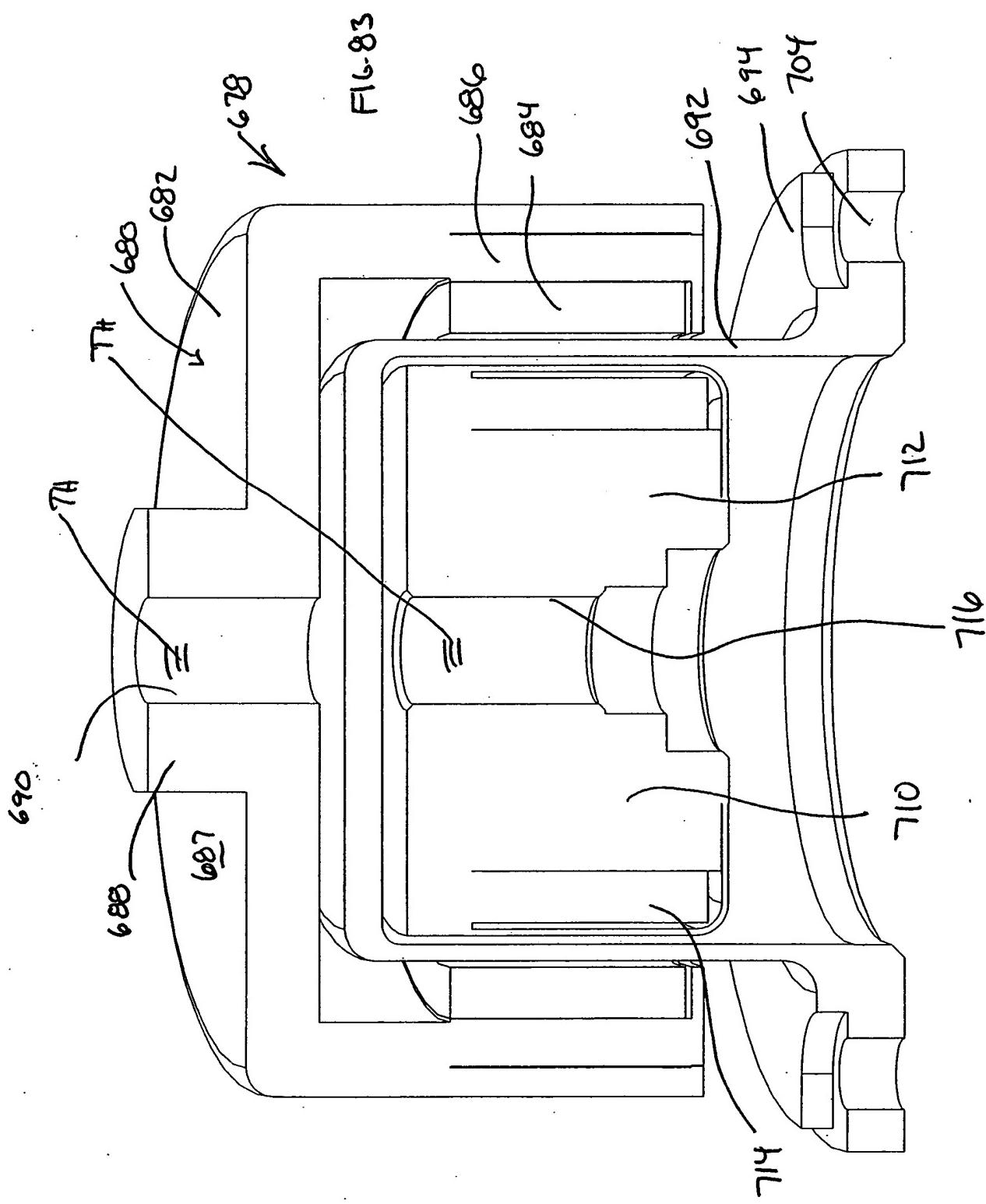


Fig. 84

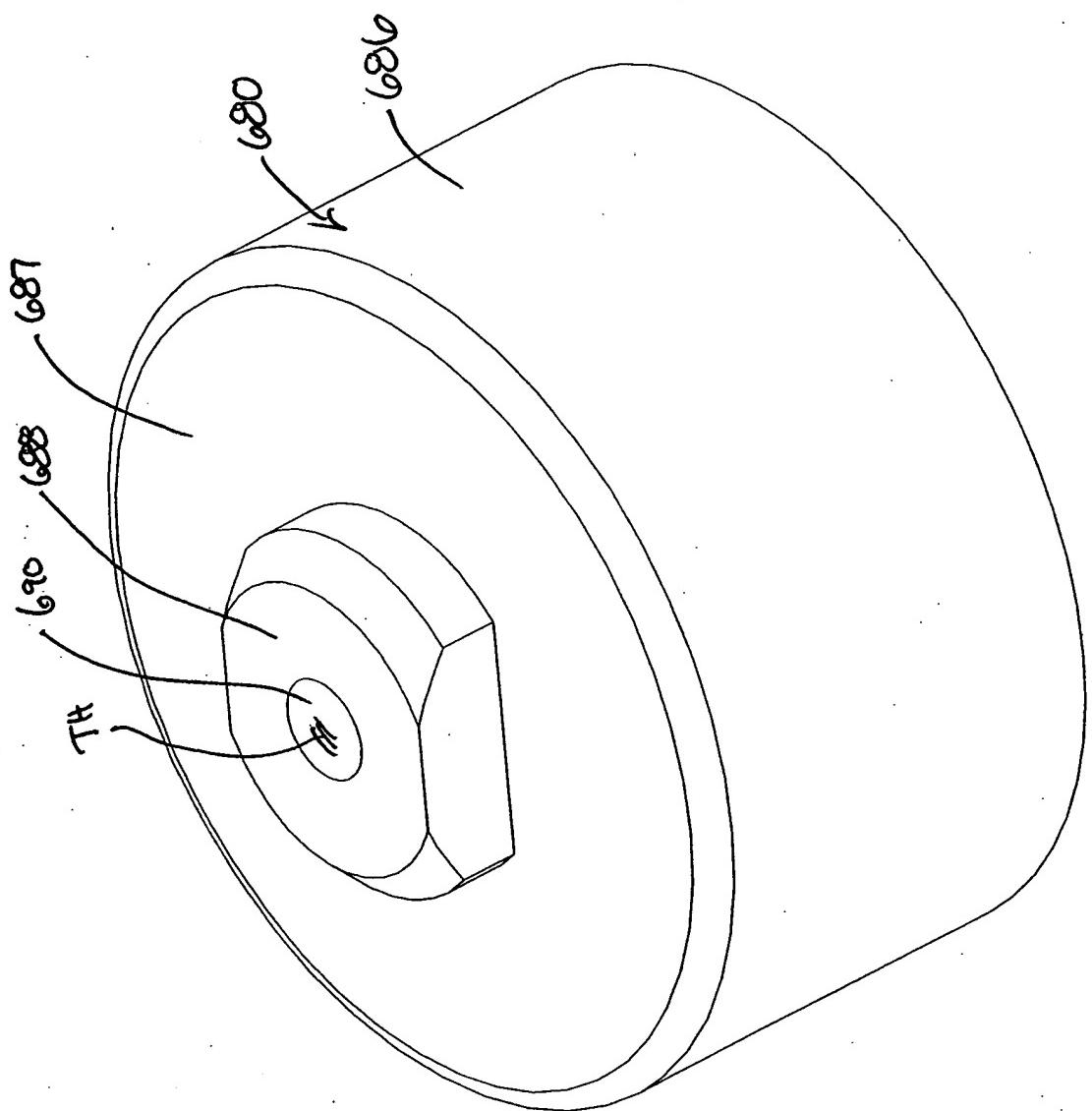


FIG. 85

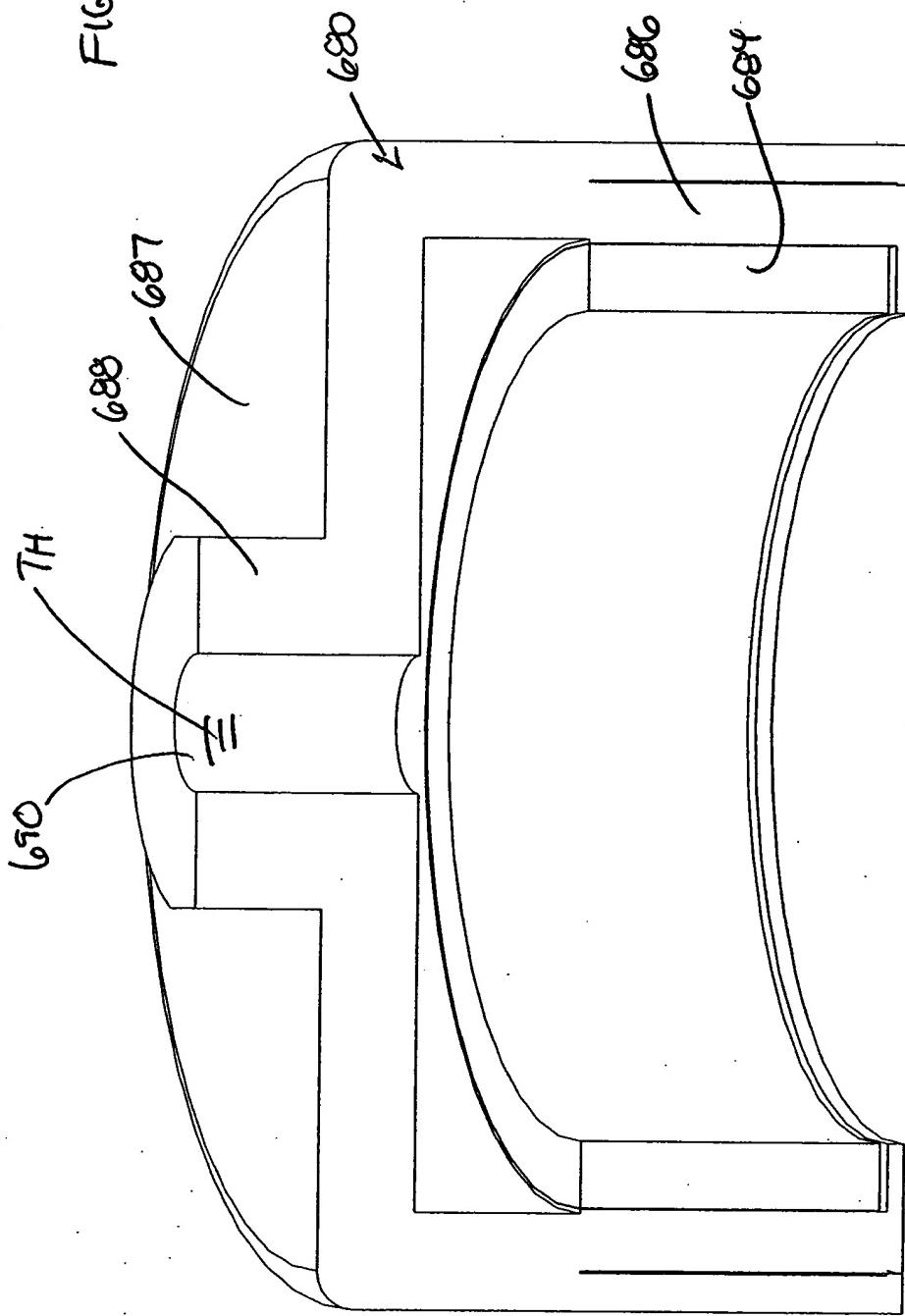


FIG. 86

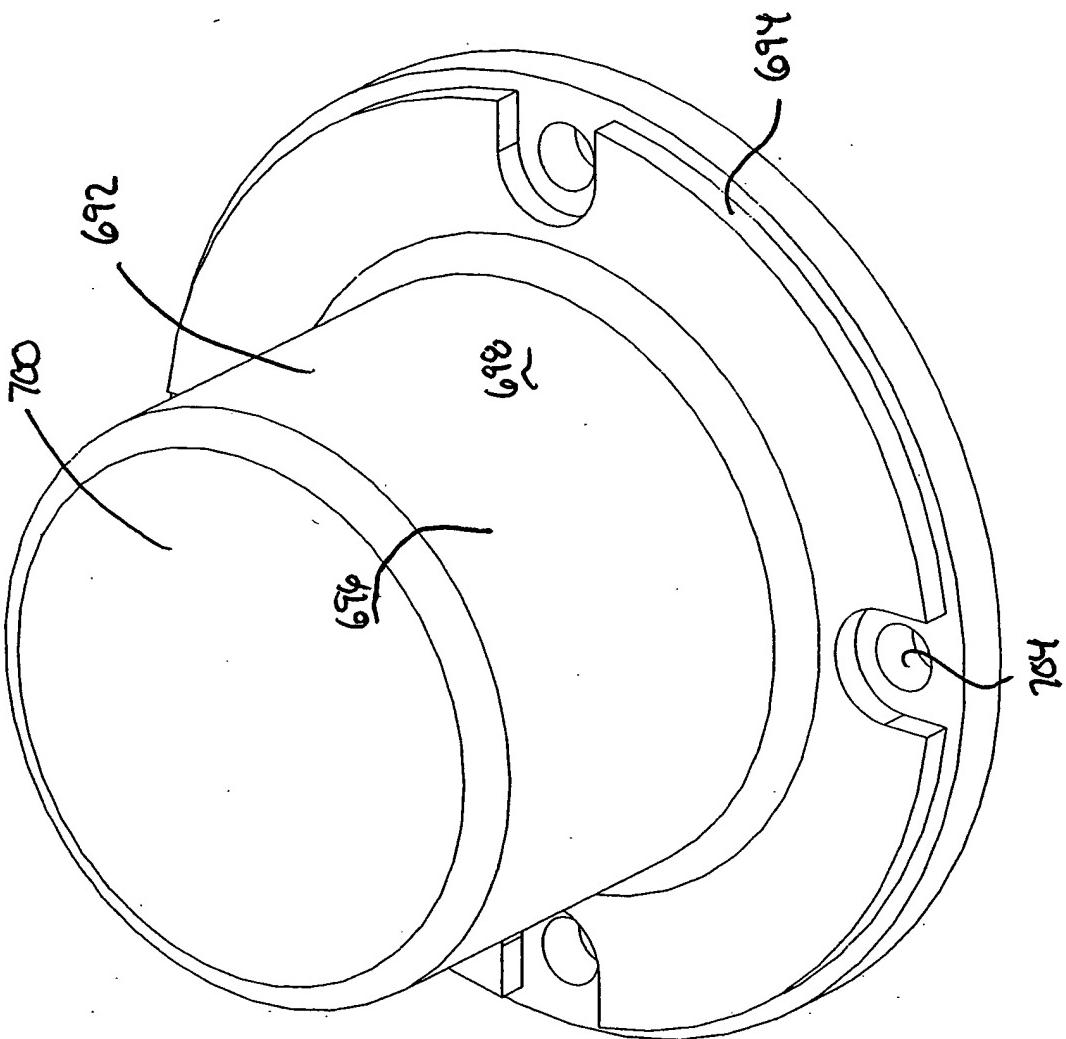
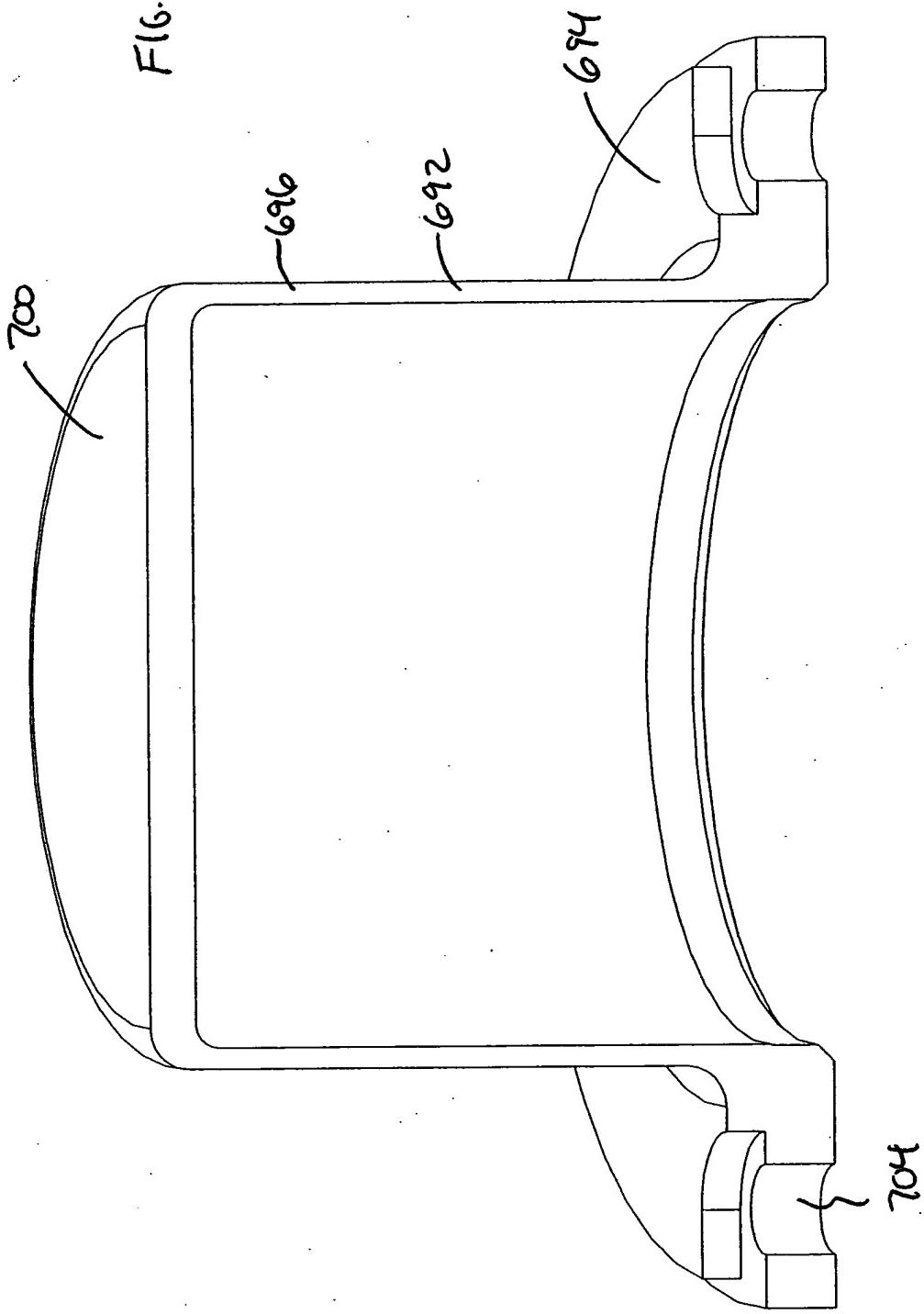


FIG. 87



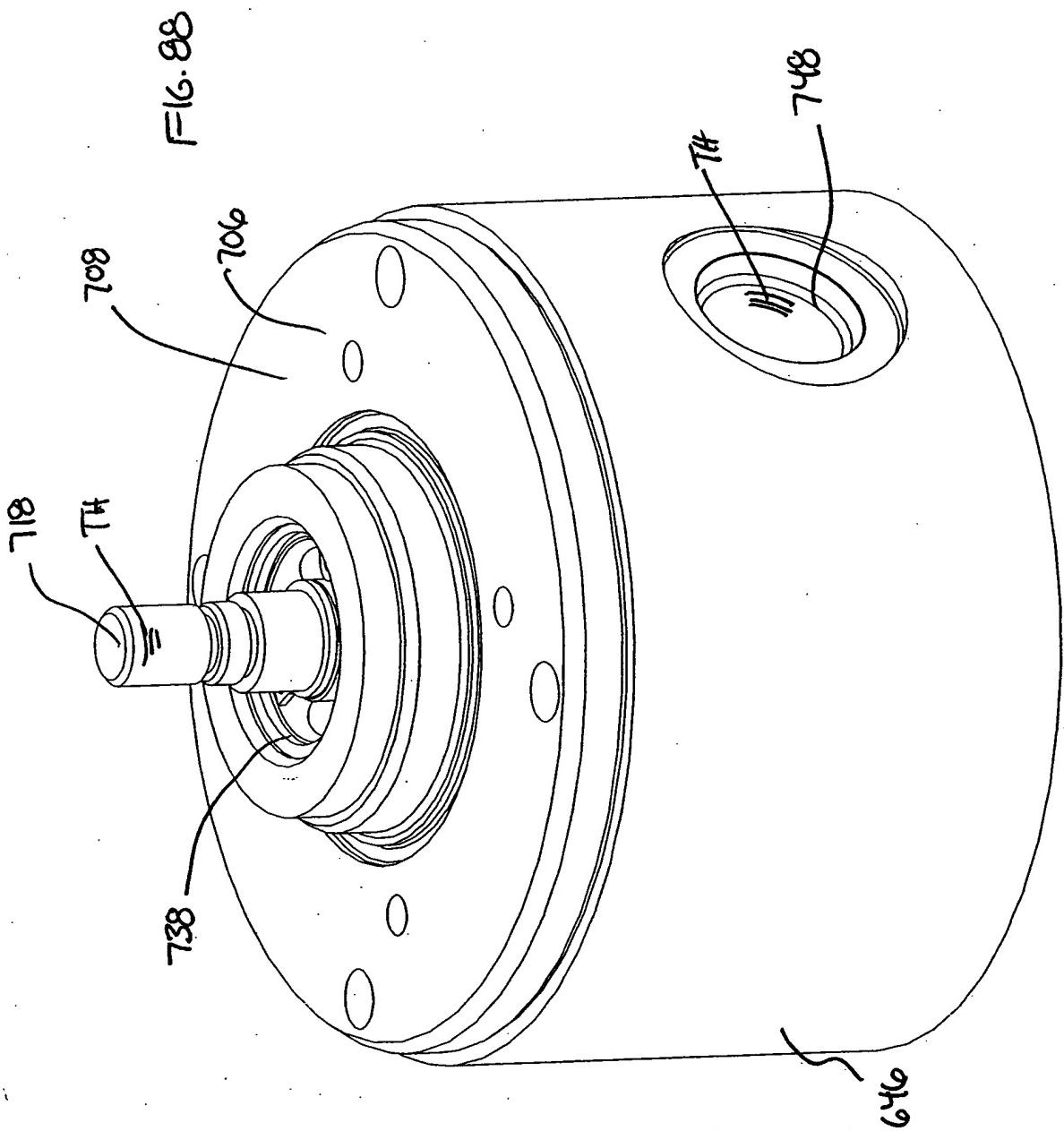


FIG. 89A

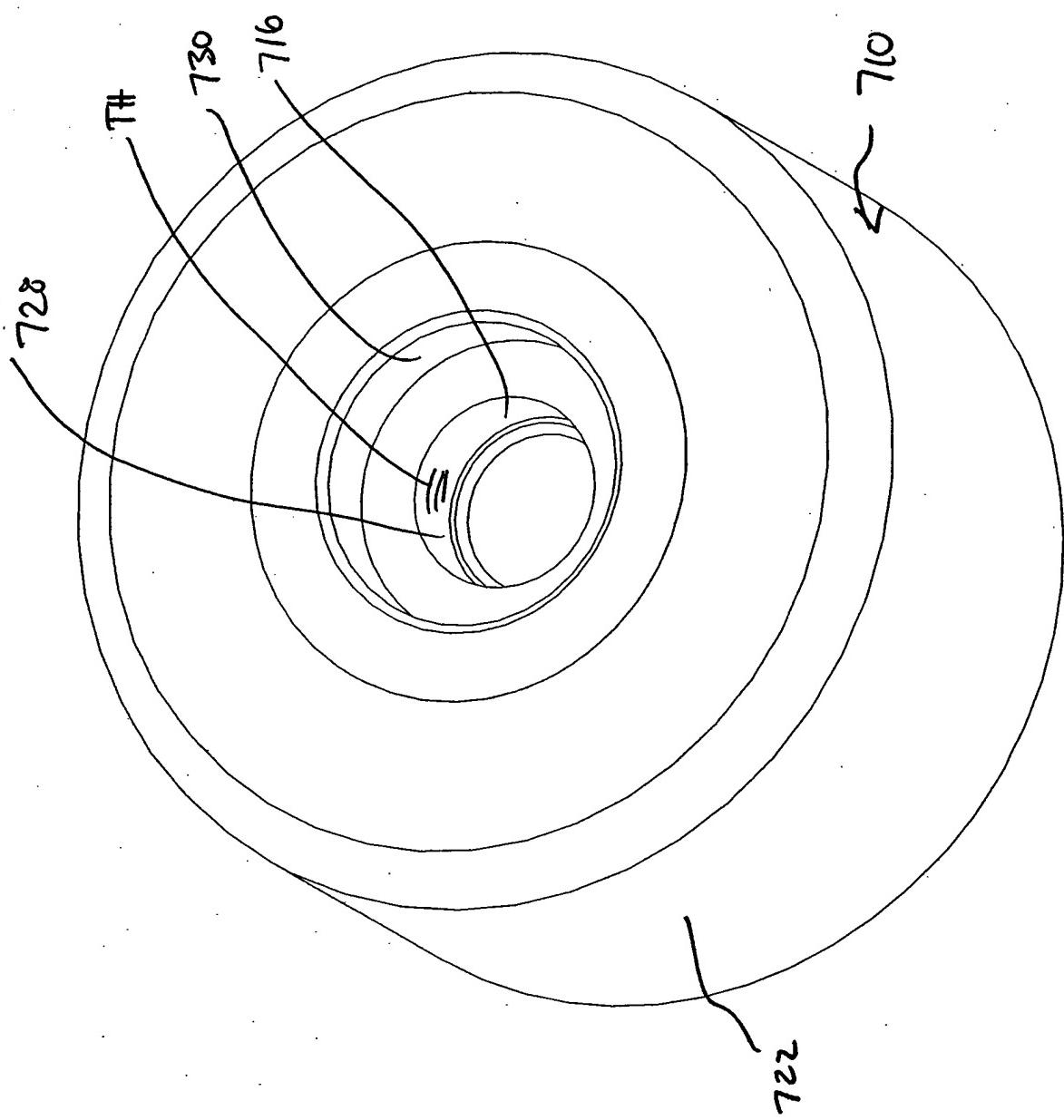


FIG. 89B

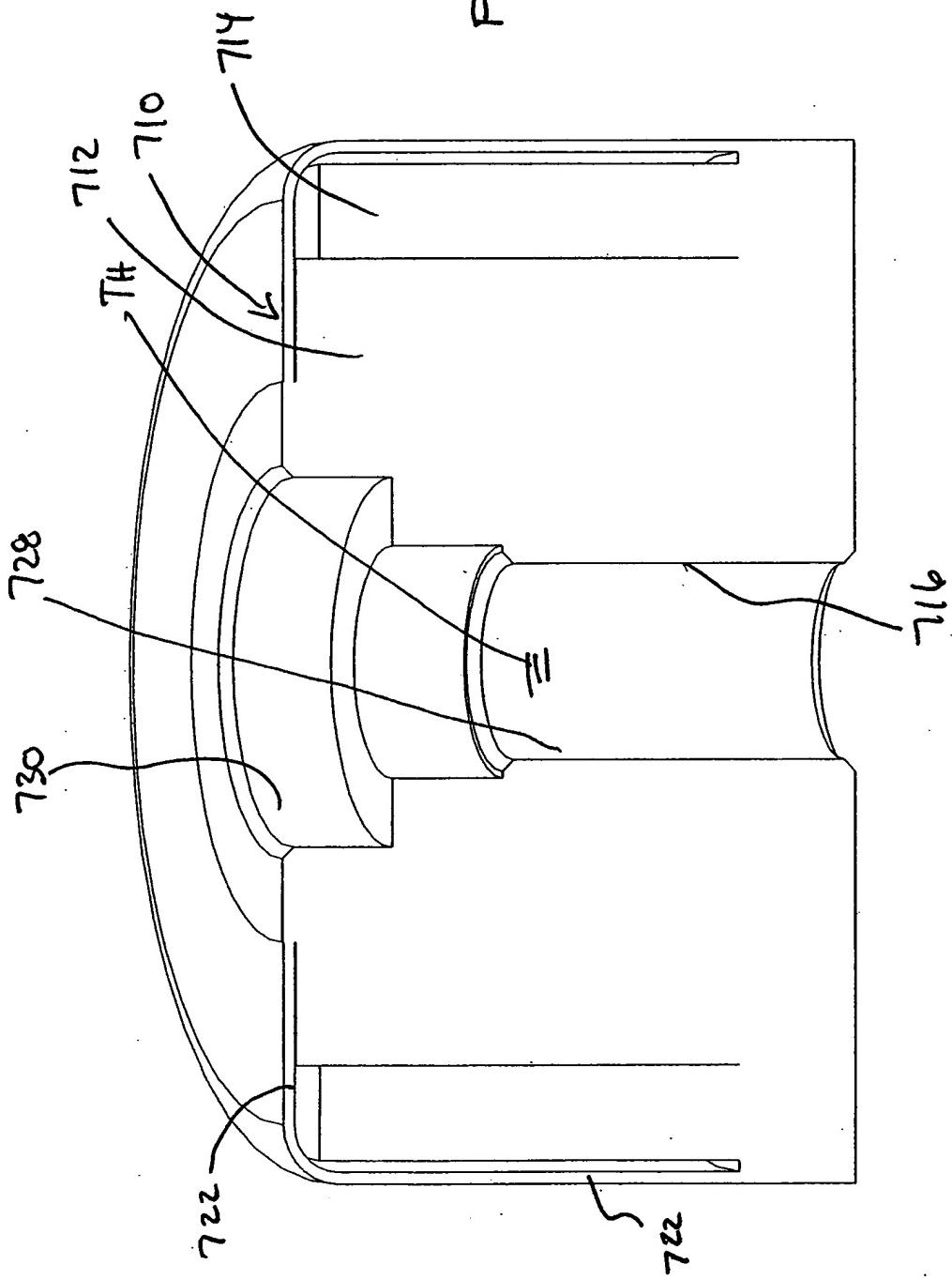


FIG. 90

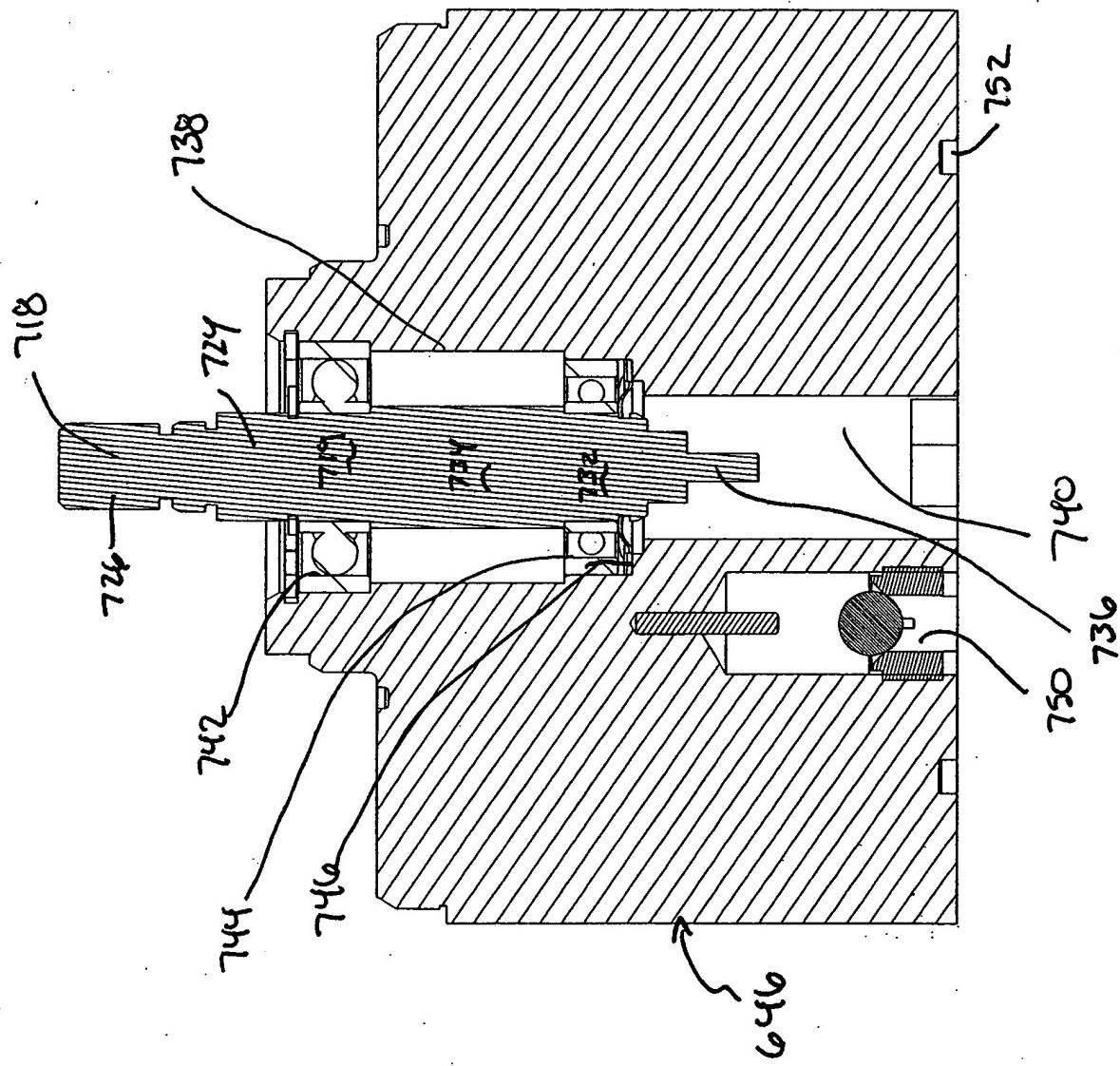


FIG. 91

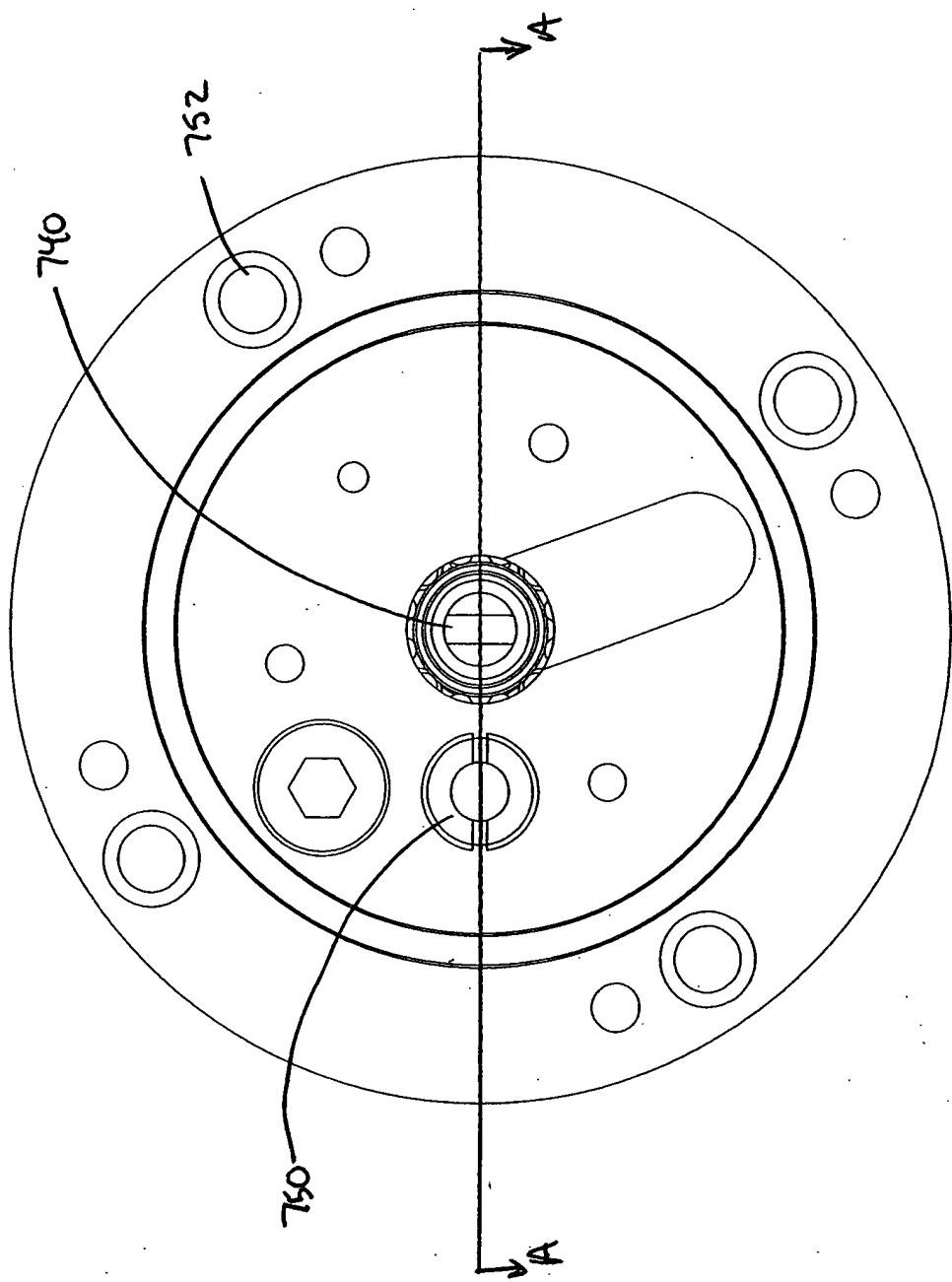
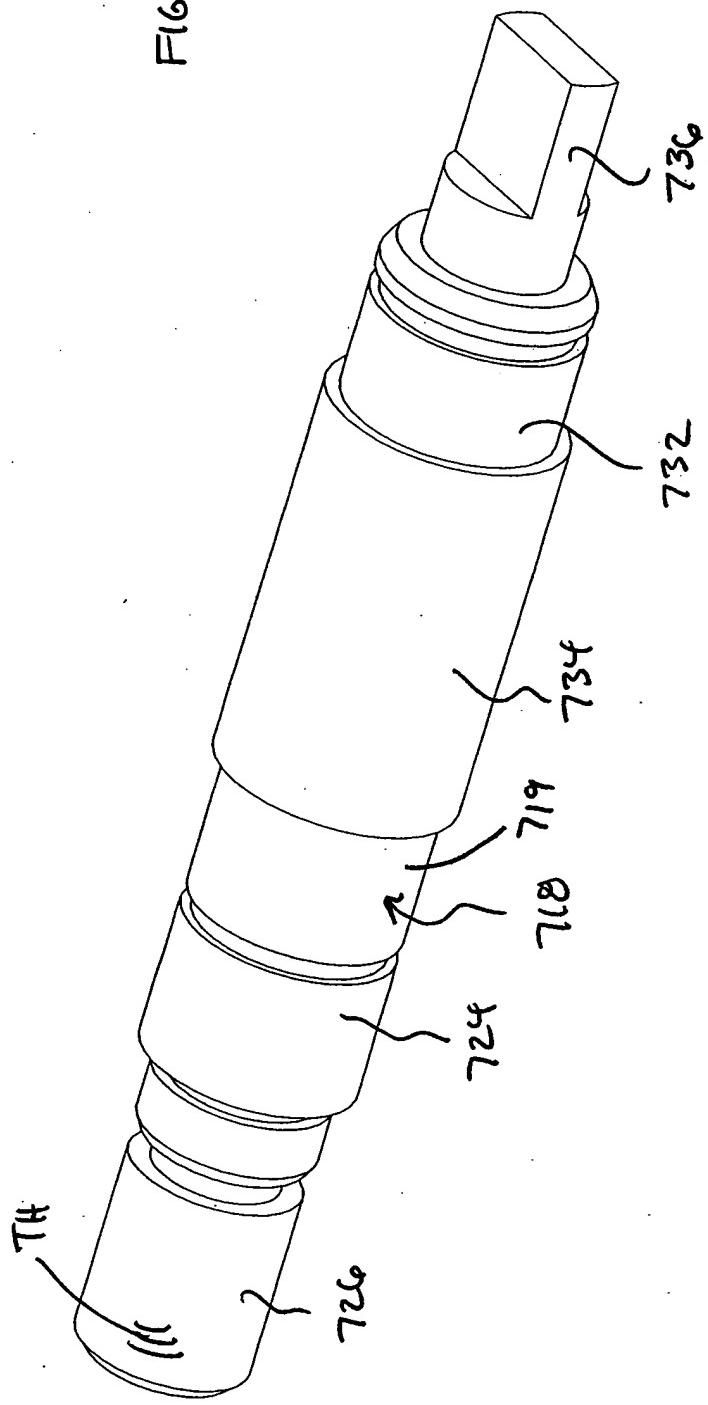


FIG. 92



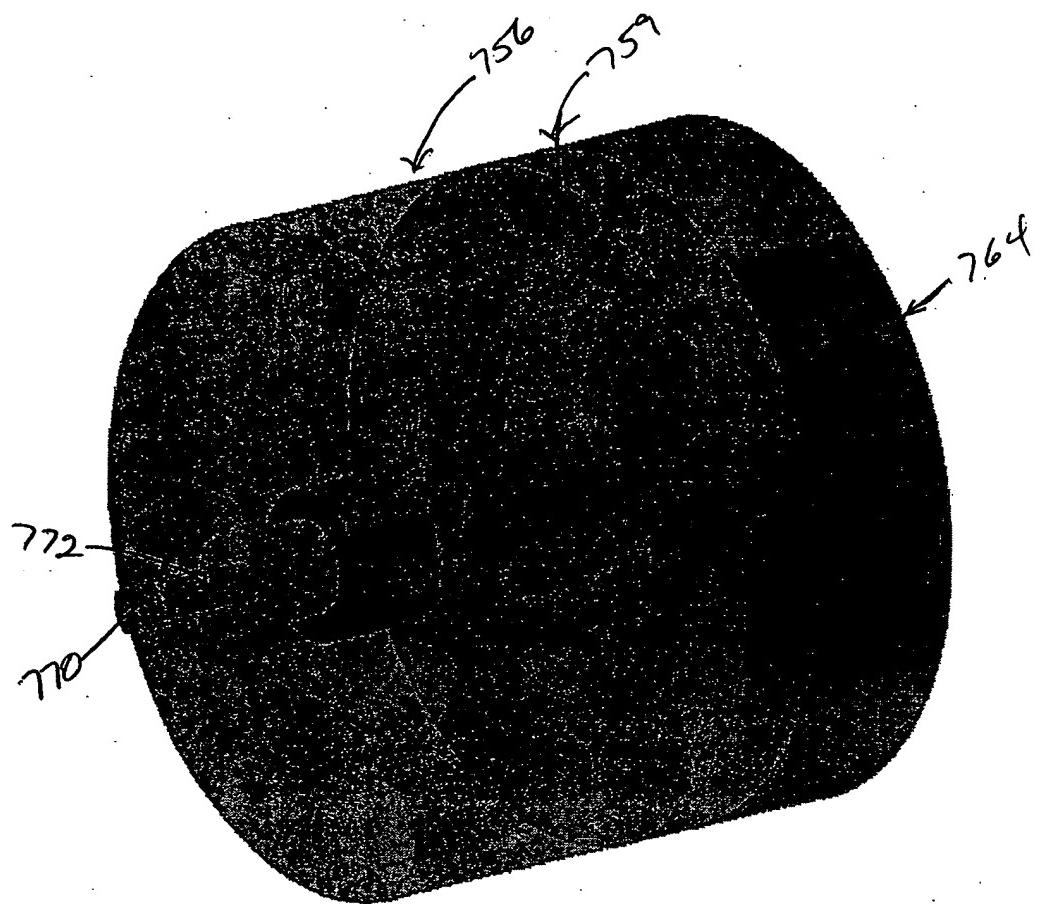
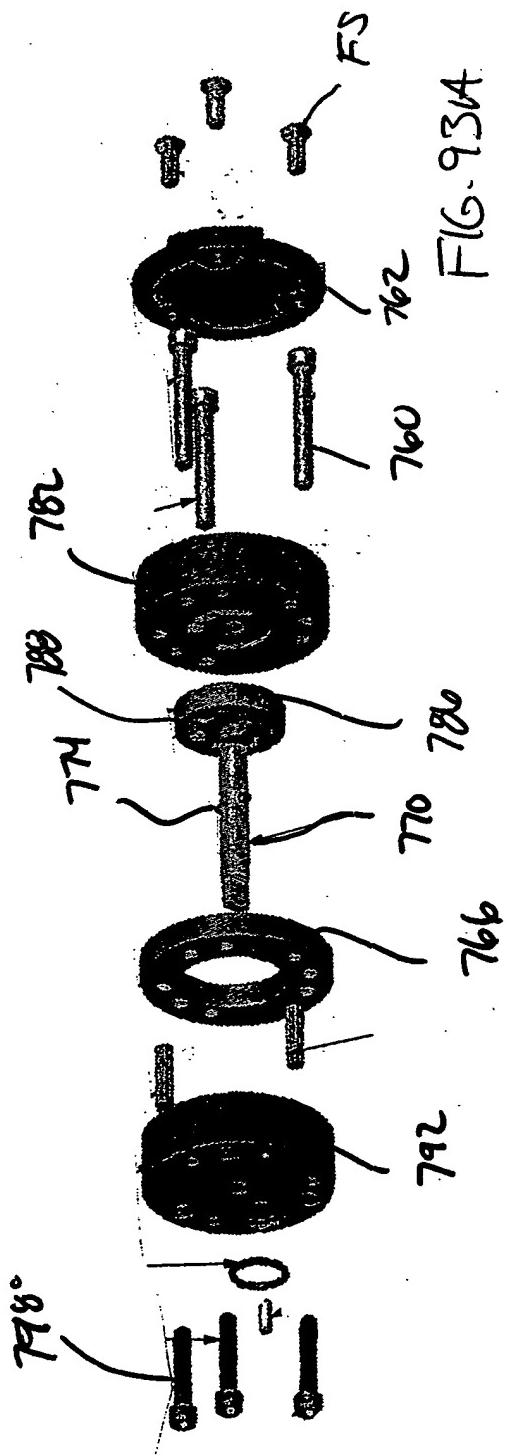


FIG. 93

FIG. 934



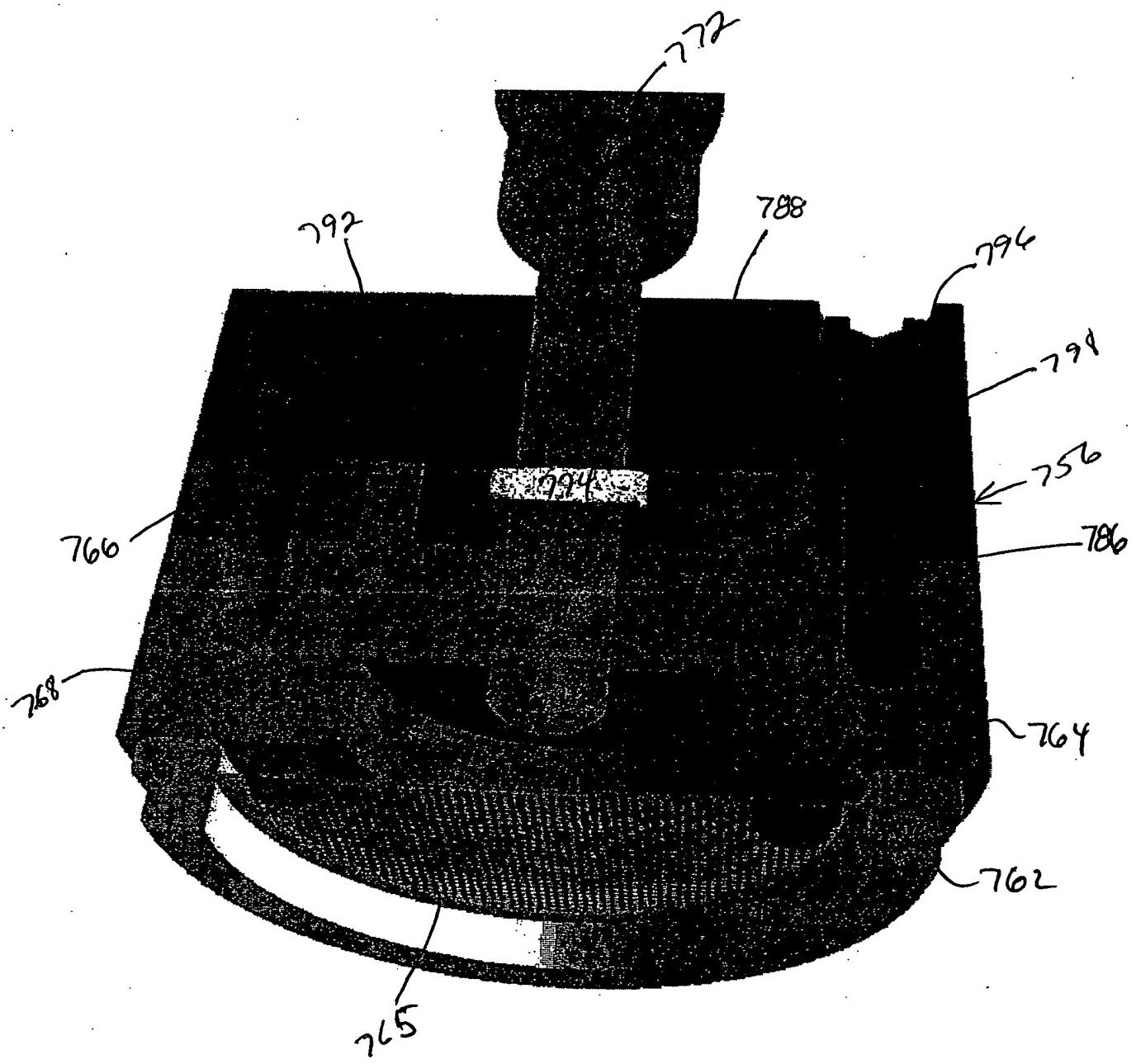


FIG. 94

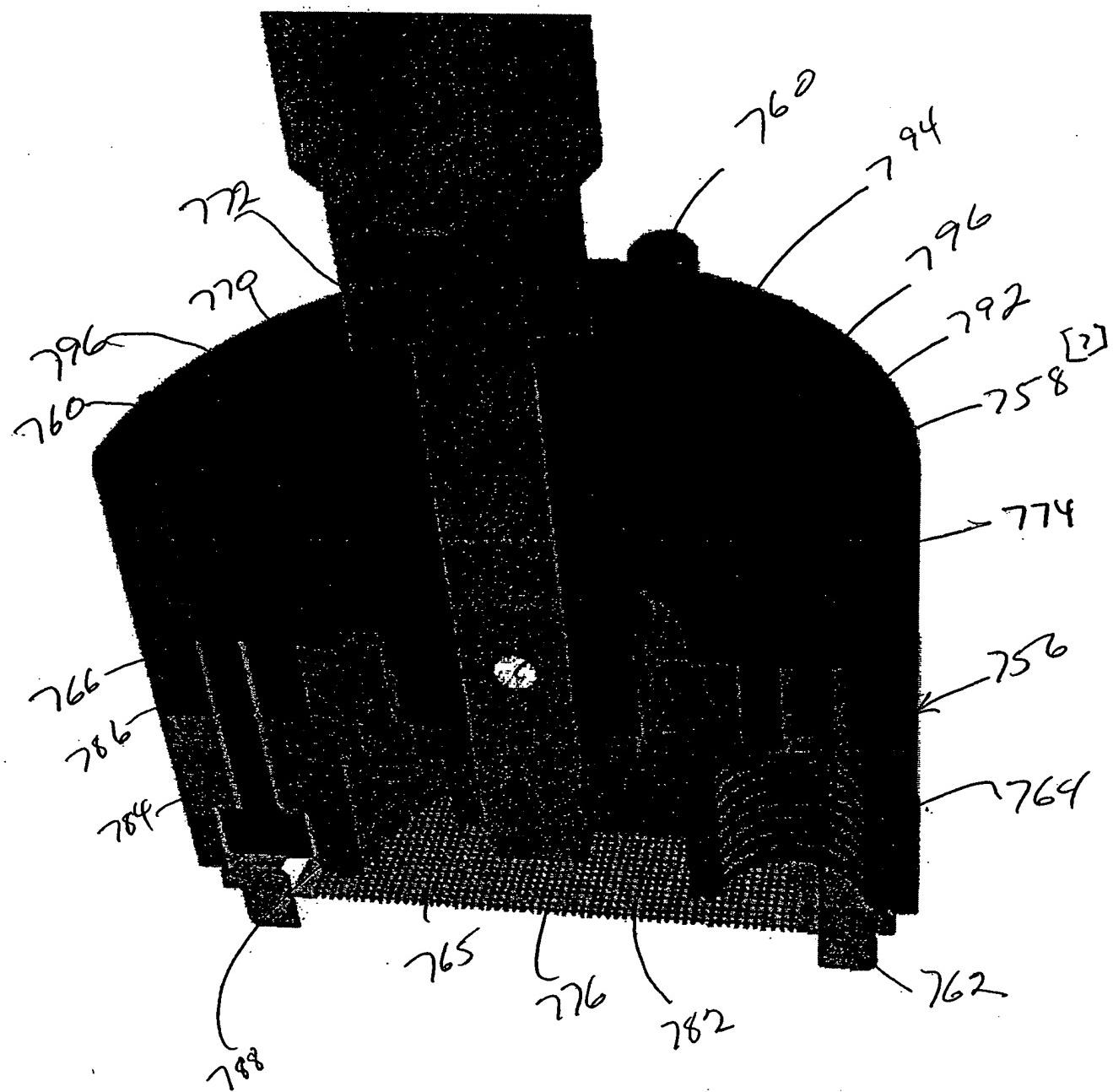
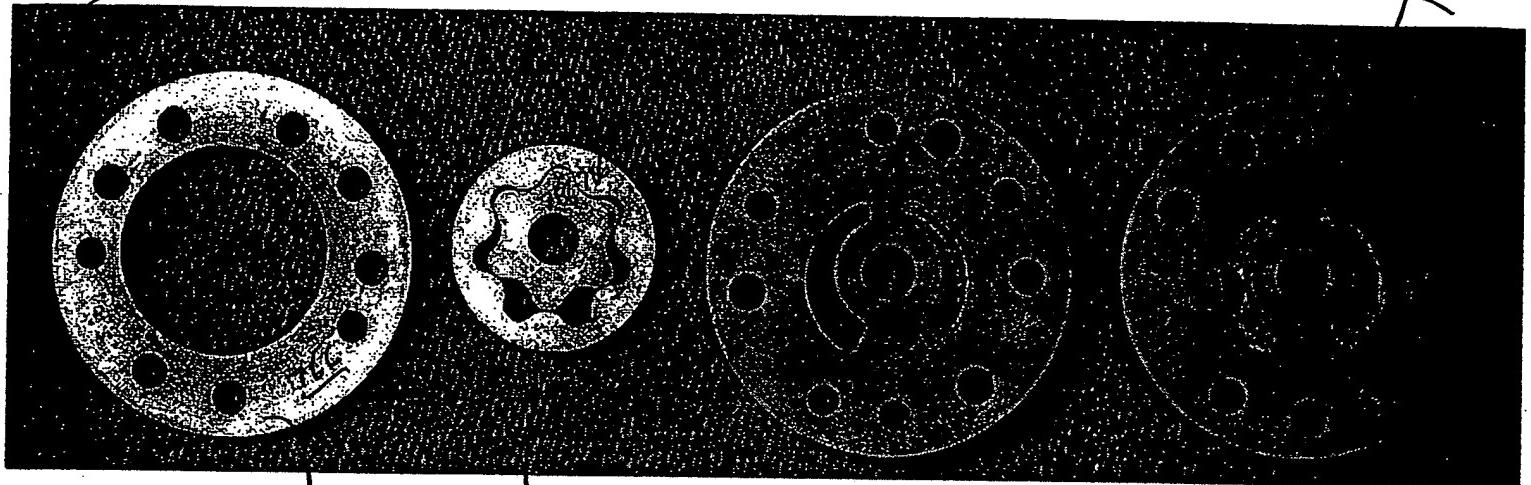


FIG. 95

FIG. 96



766

768

794

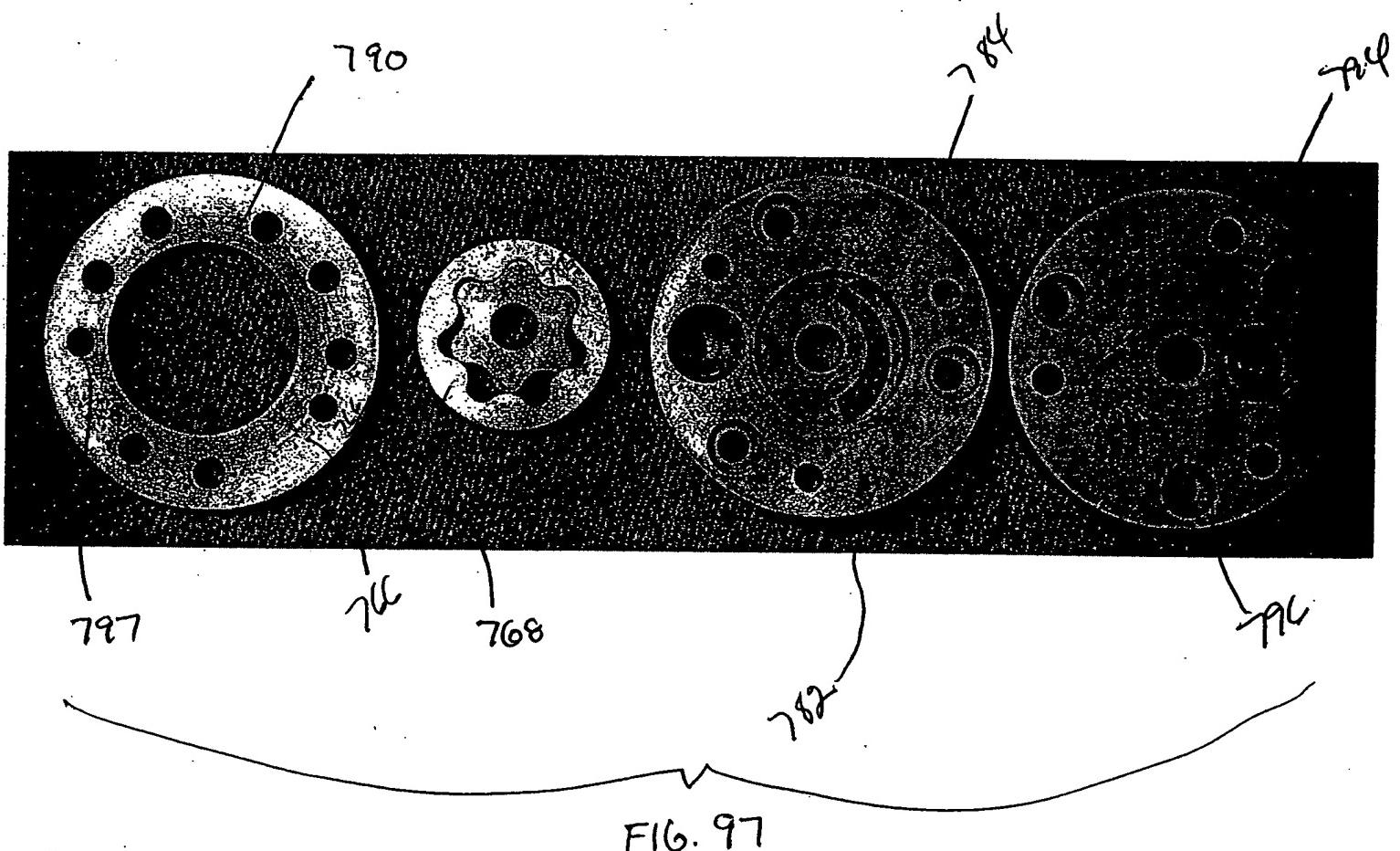
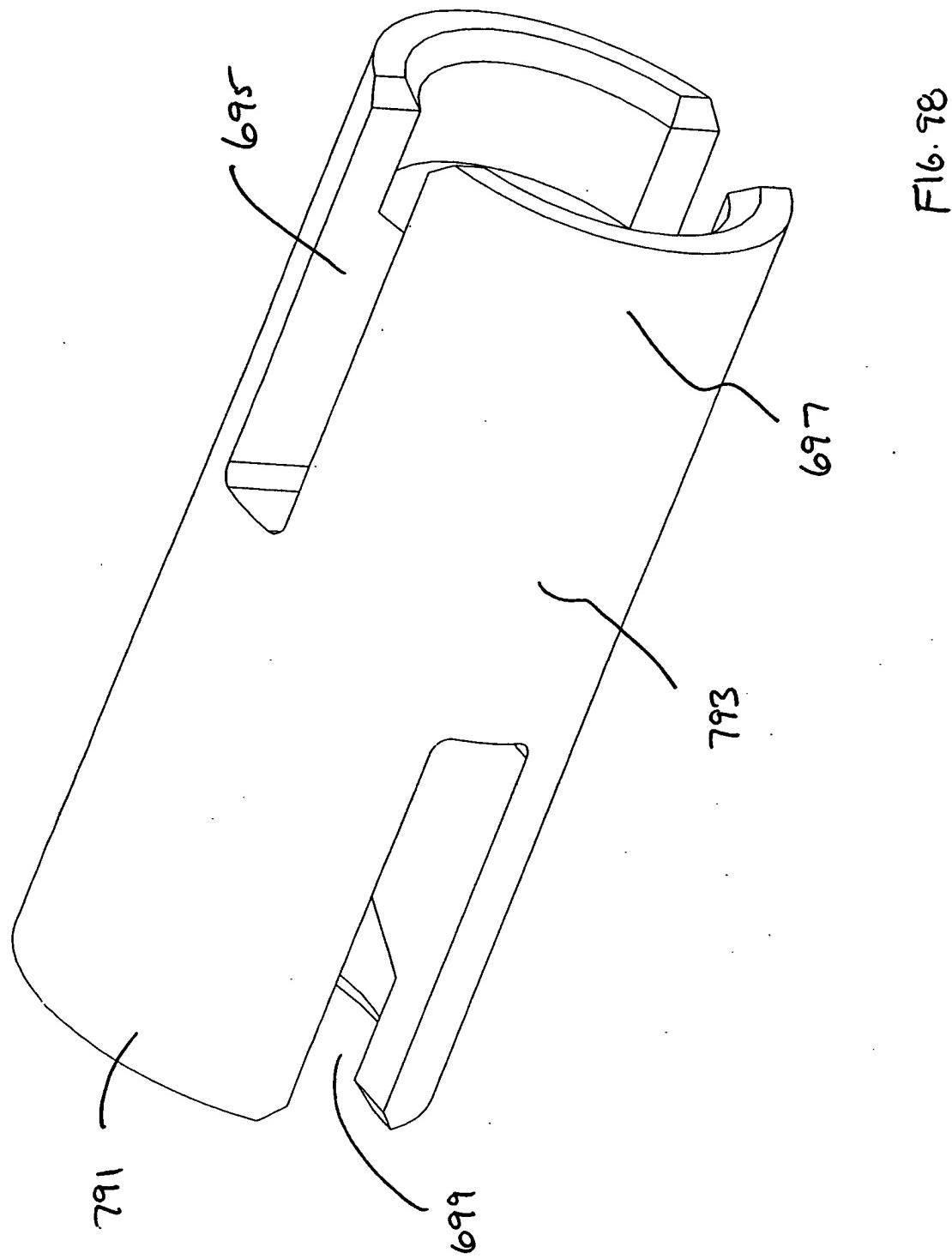
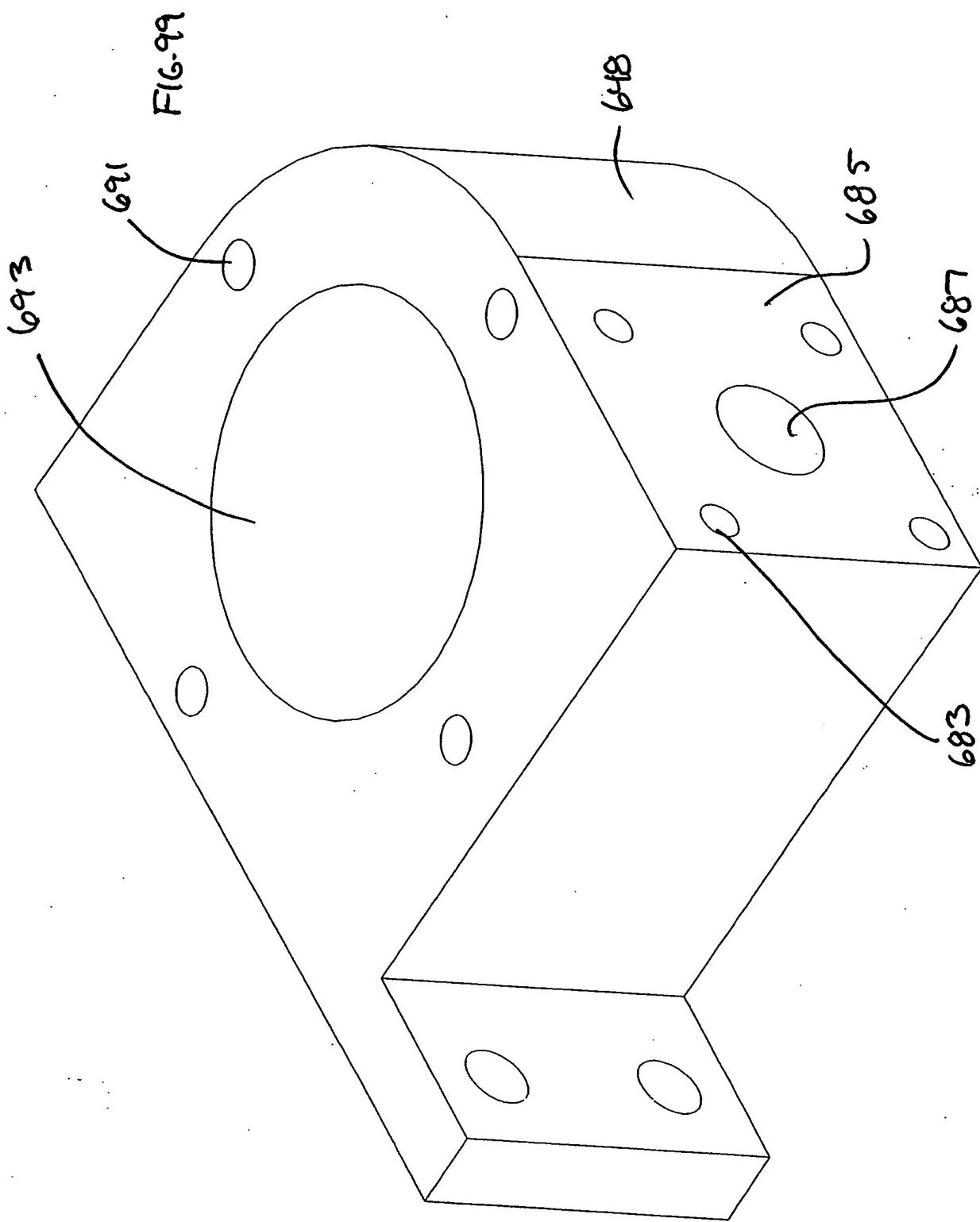
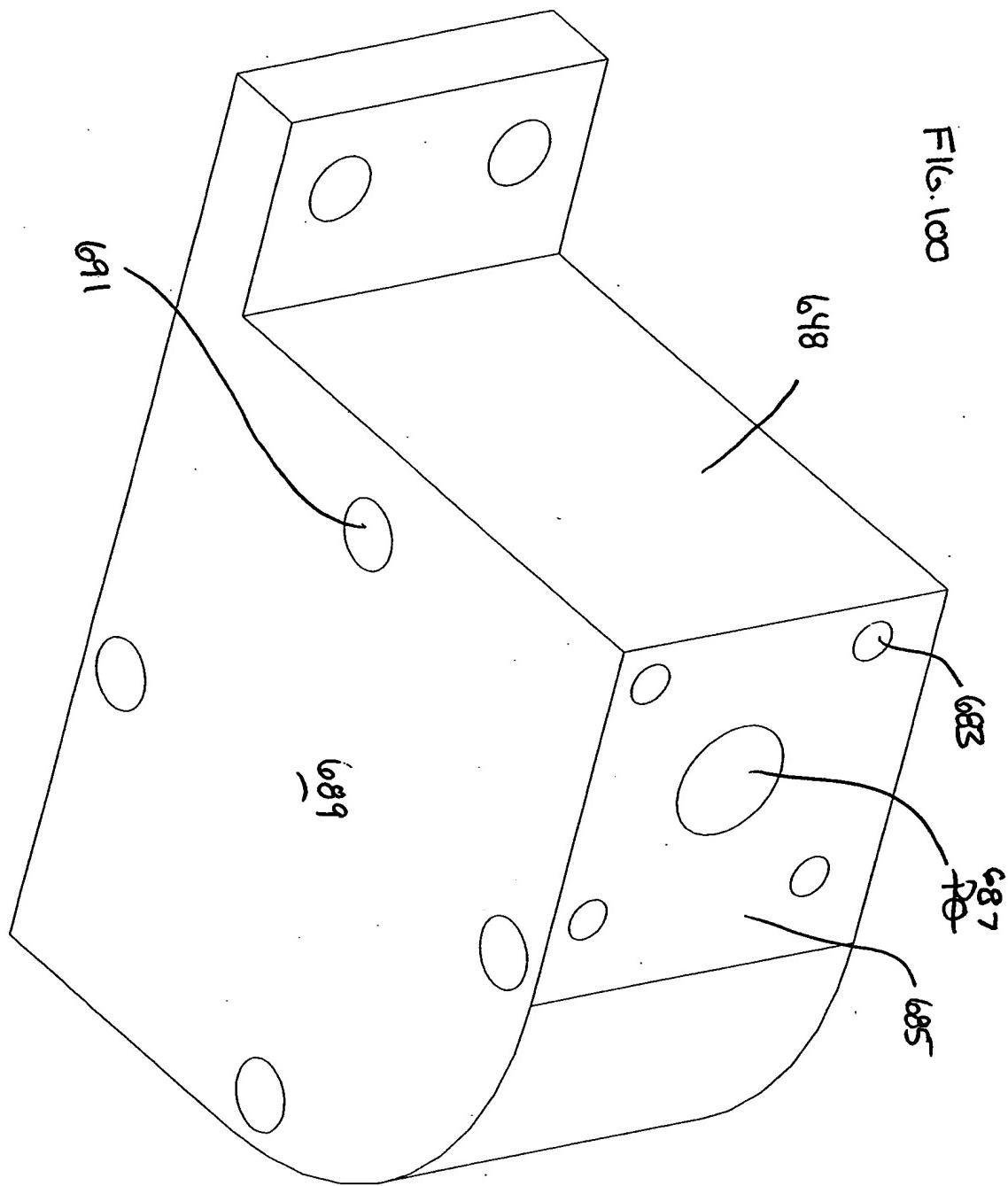
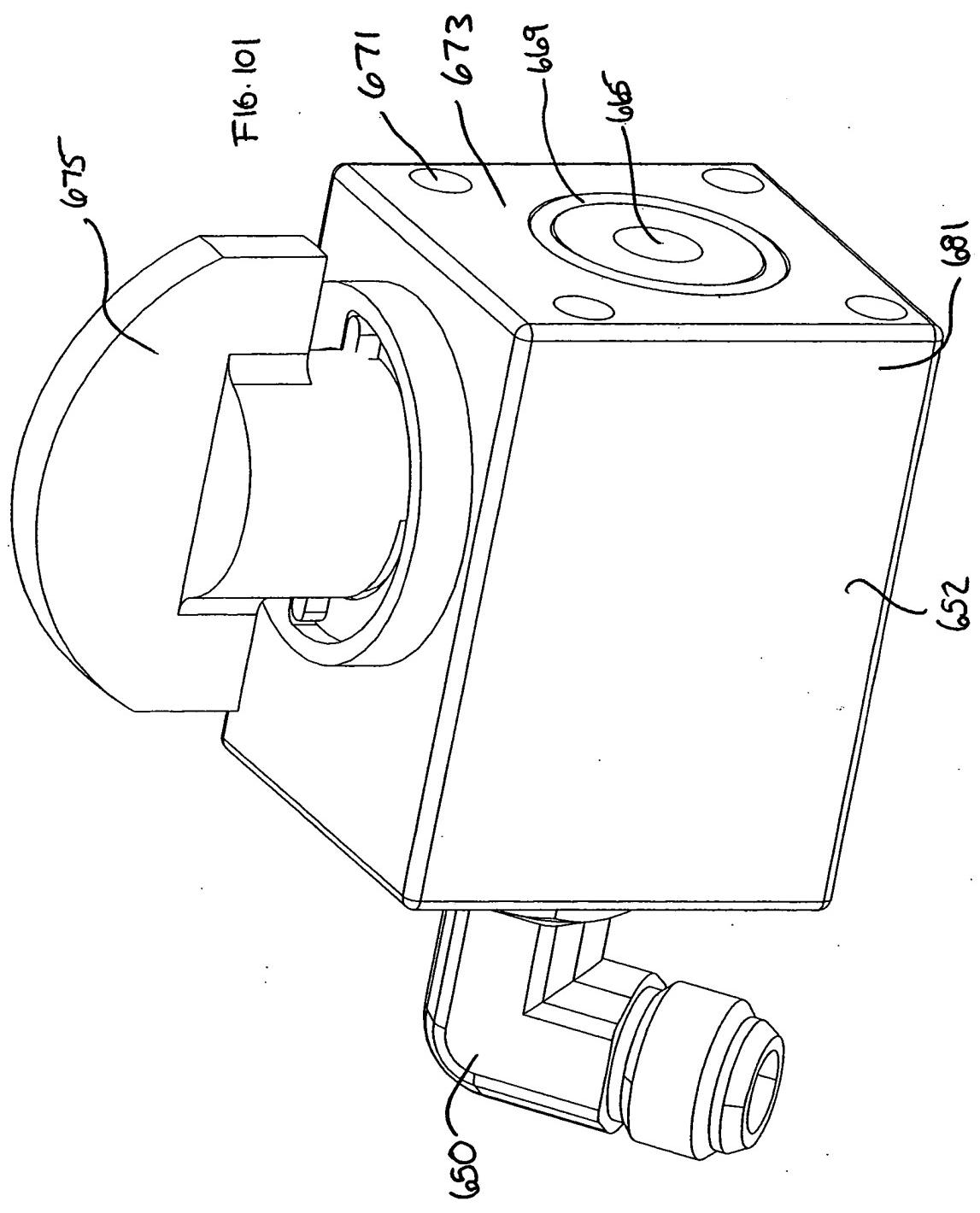


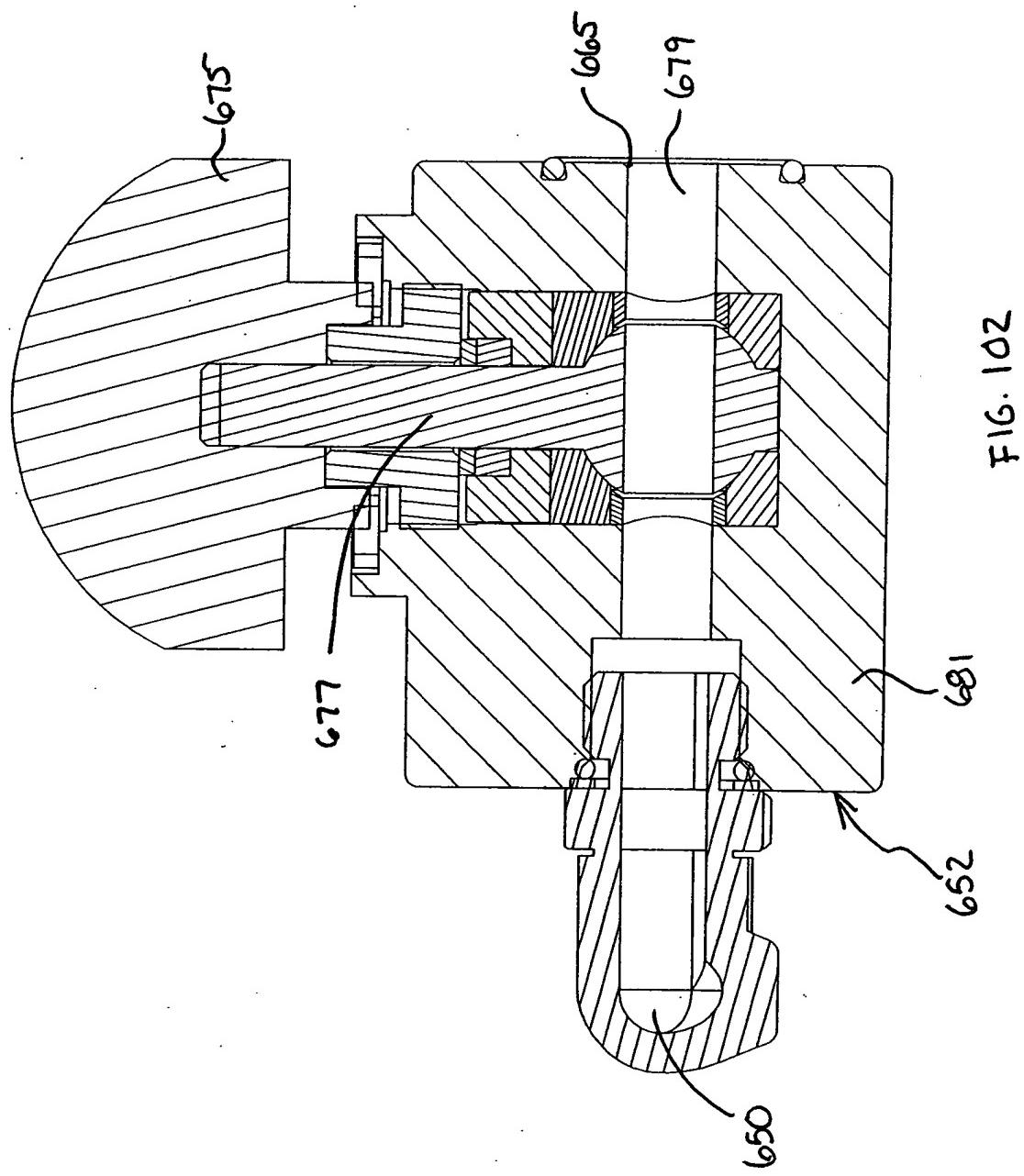
FIG. 97











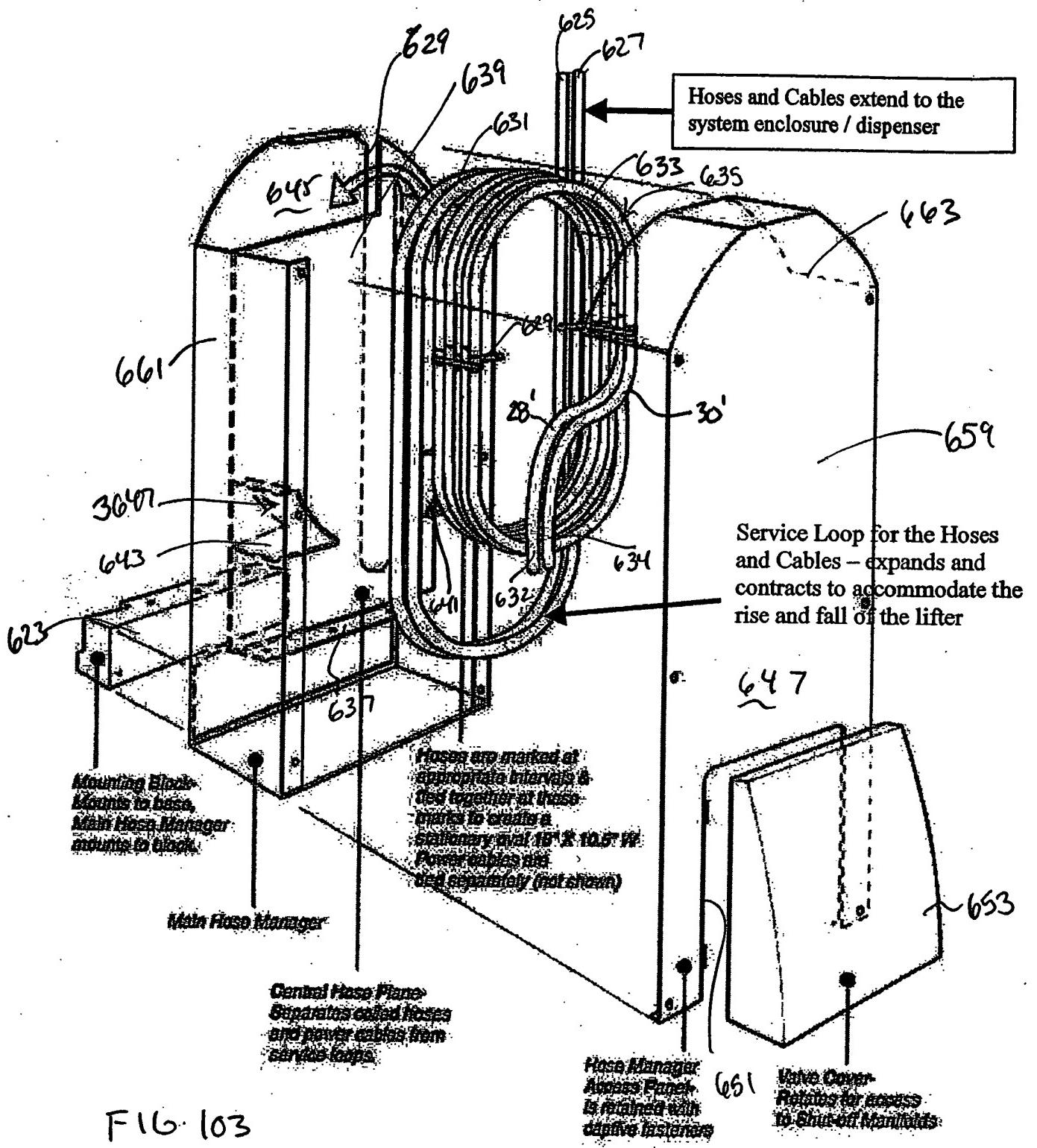


FIG. 103

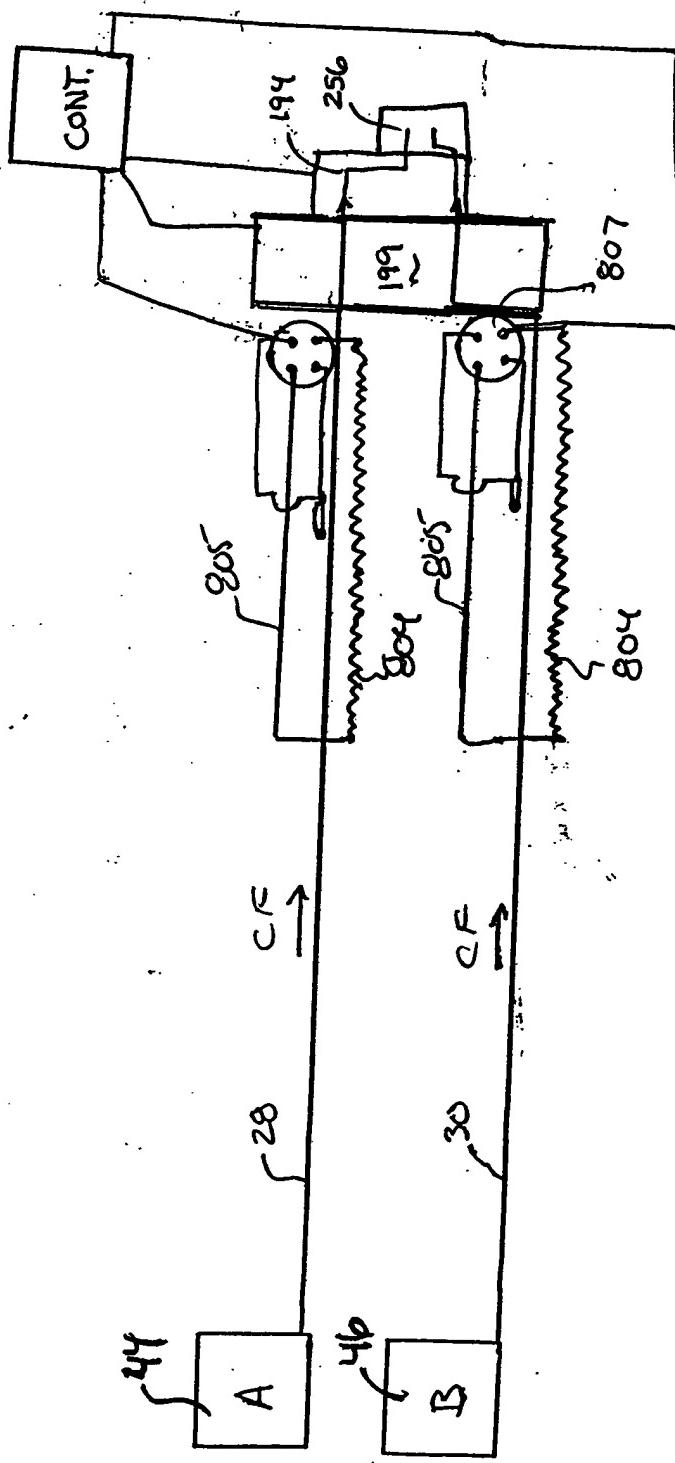


FIG. 104

FIG. 105

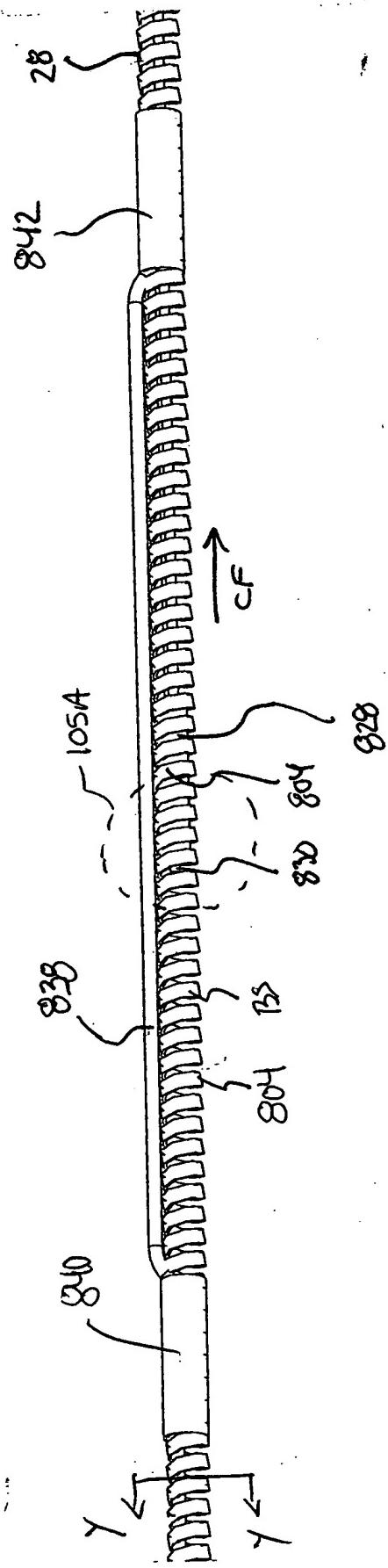


FIG. 105A

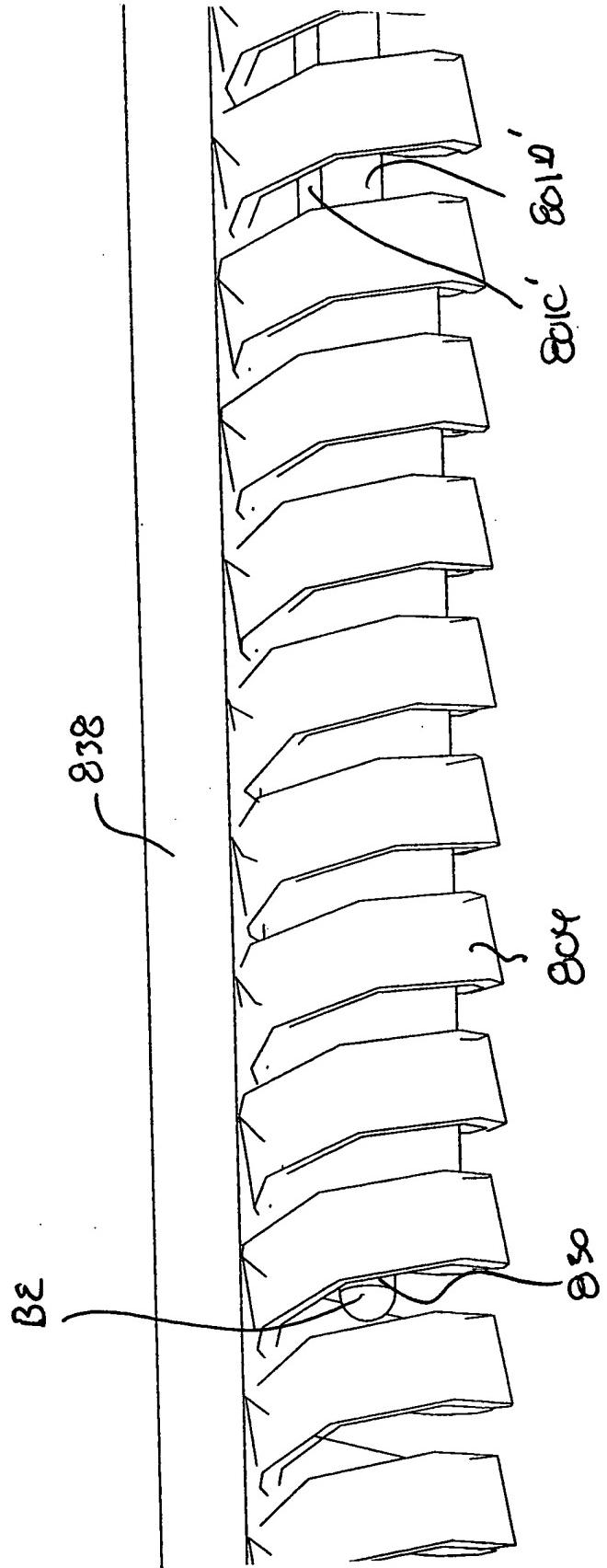


FIG. 106

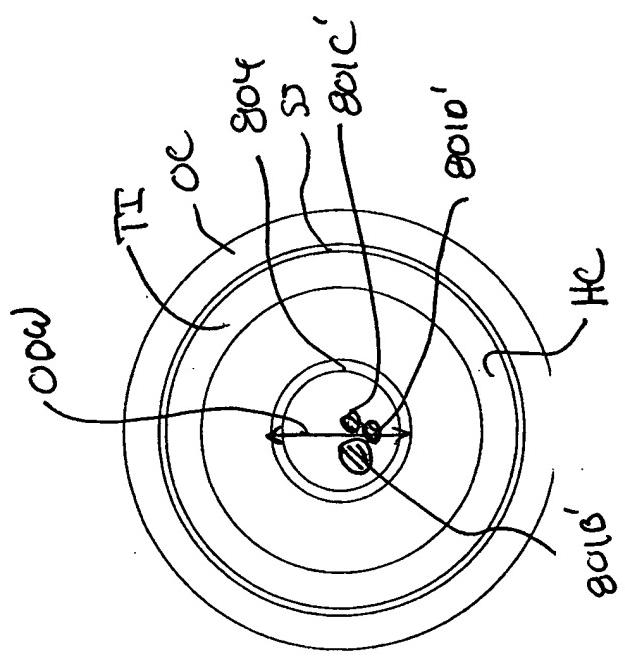


FIG. 107

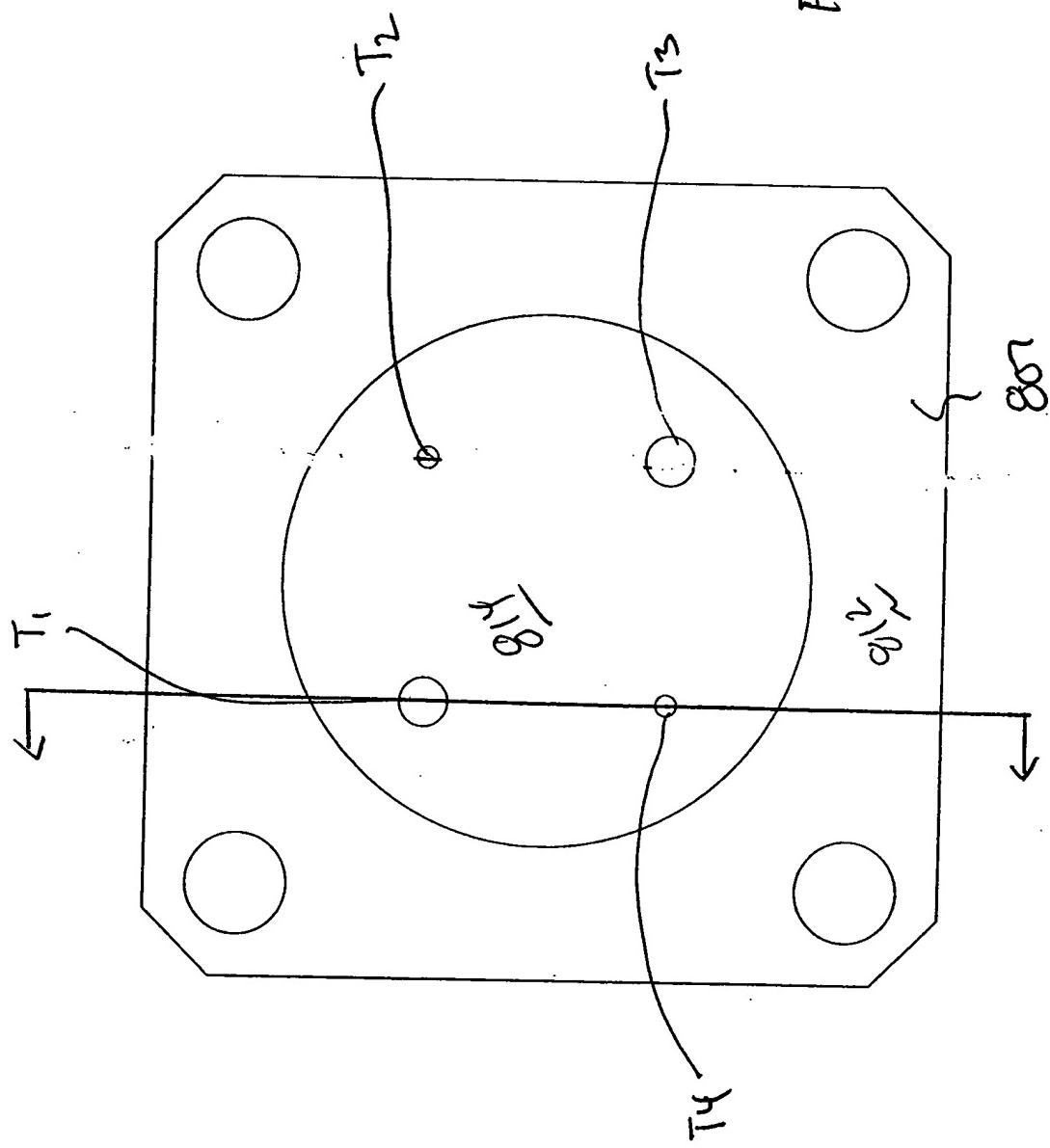
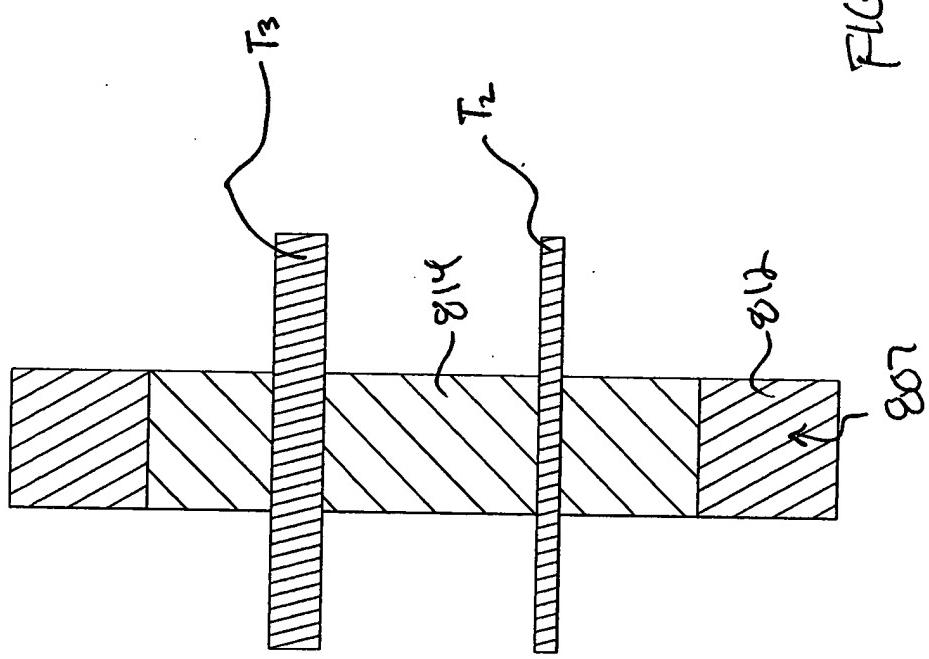


Fig. 108



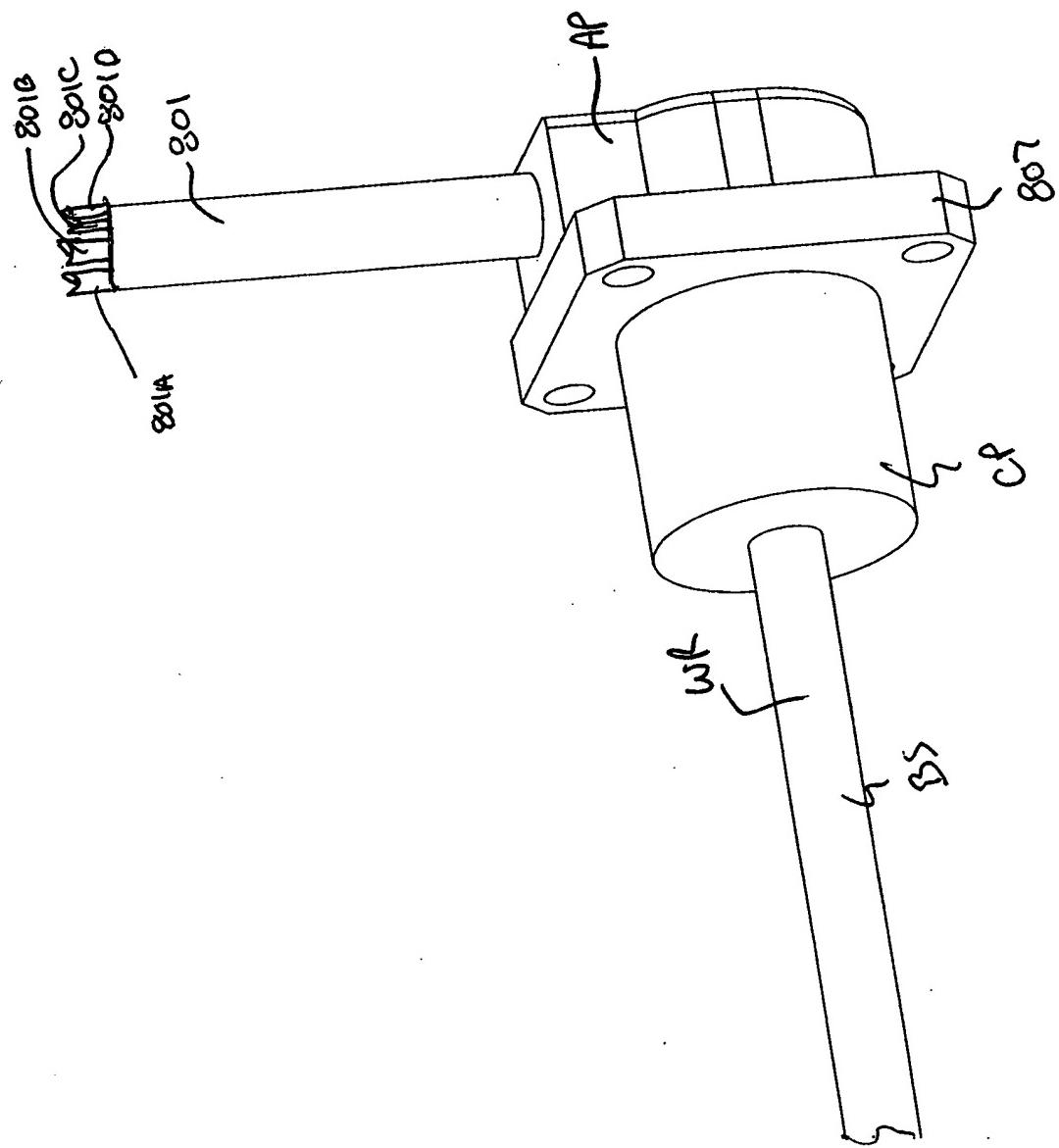


FIG. 109

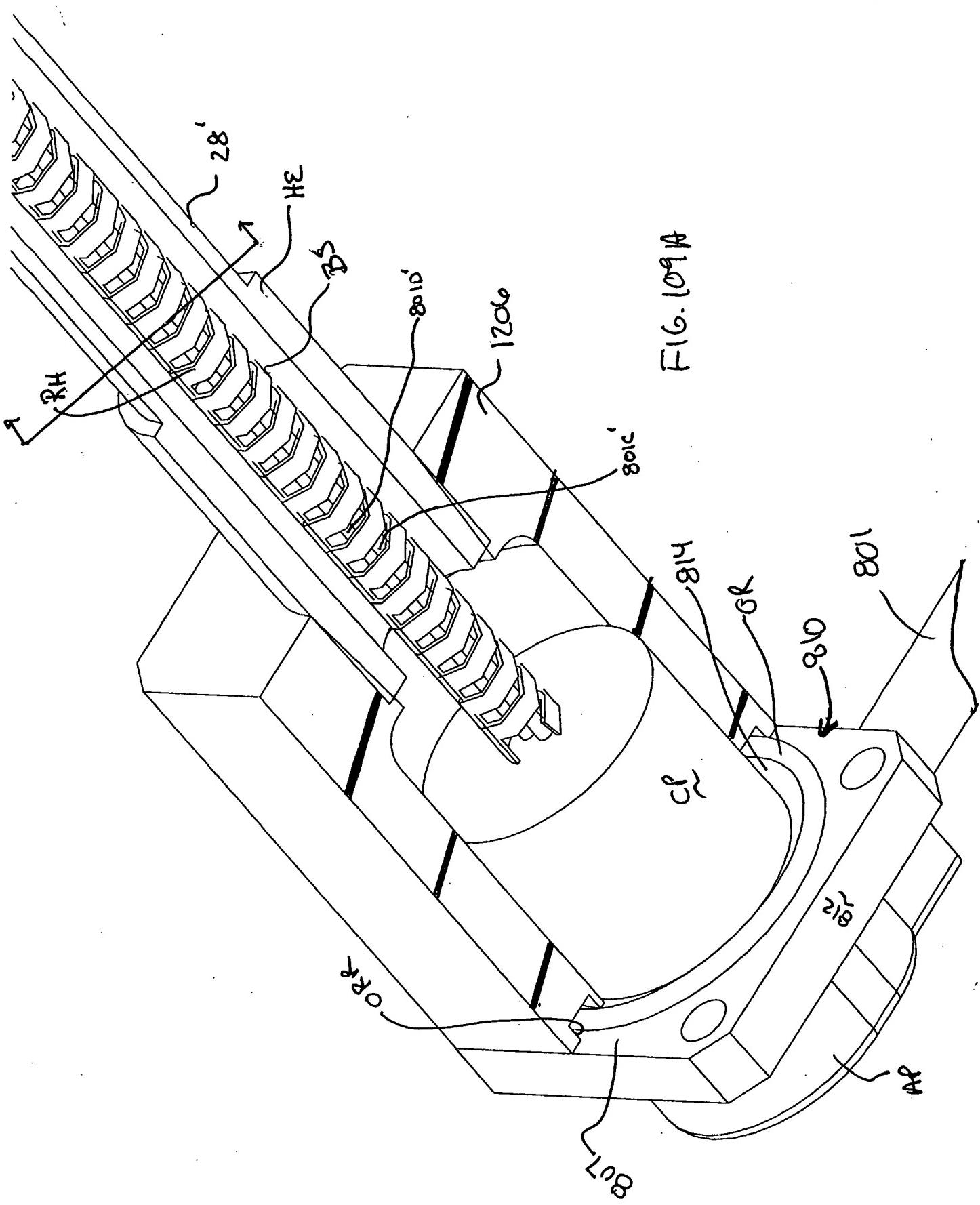
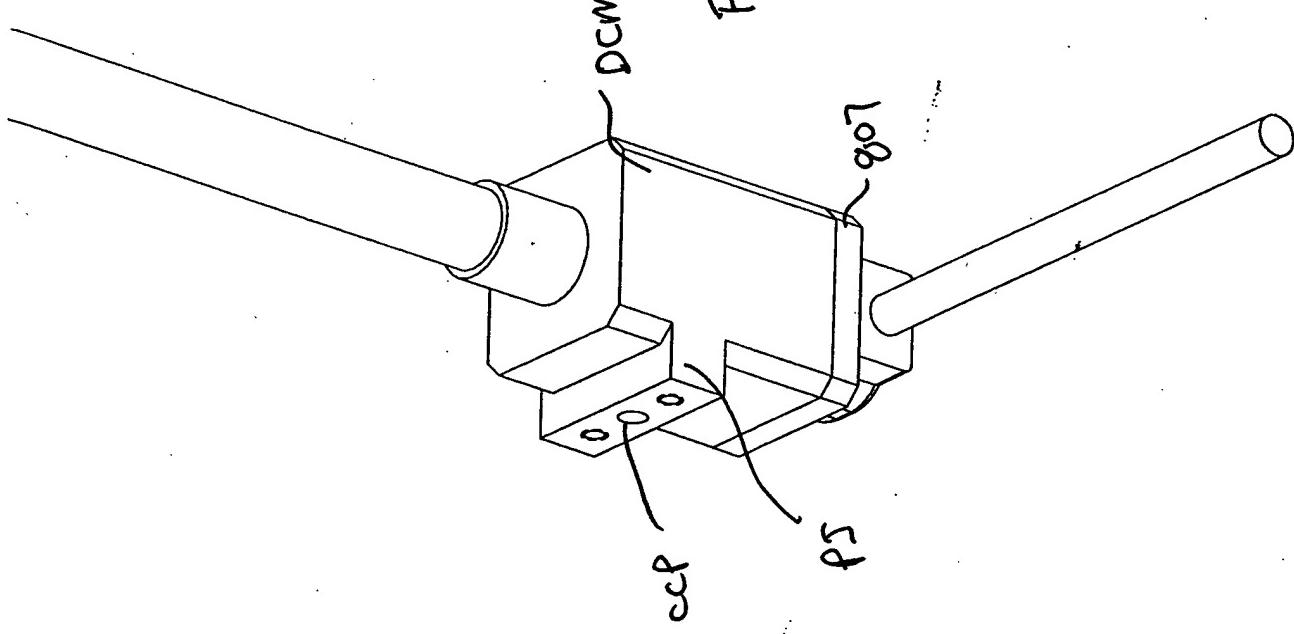


Fig. 109B



$10^\circ C$

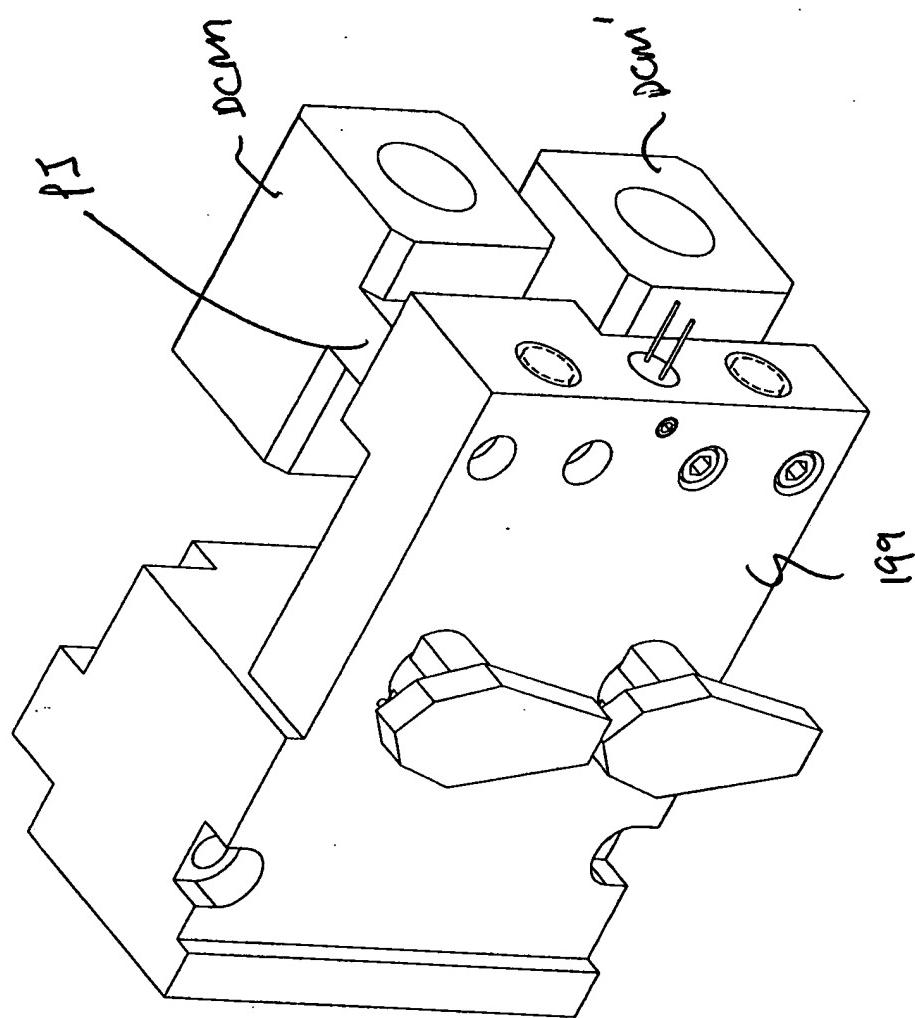
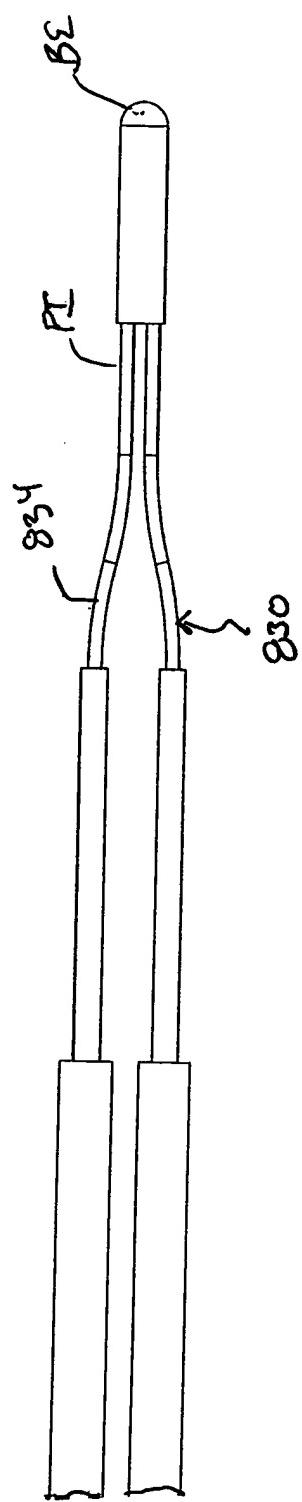


FIG. 110



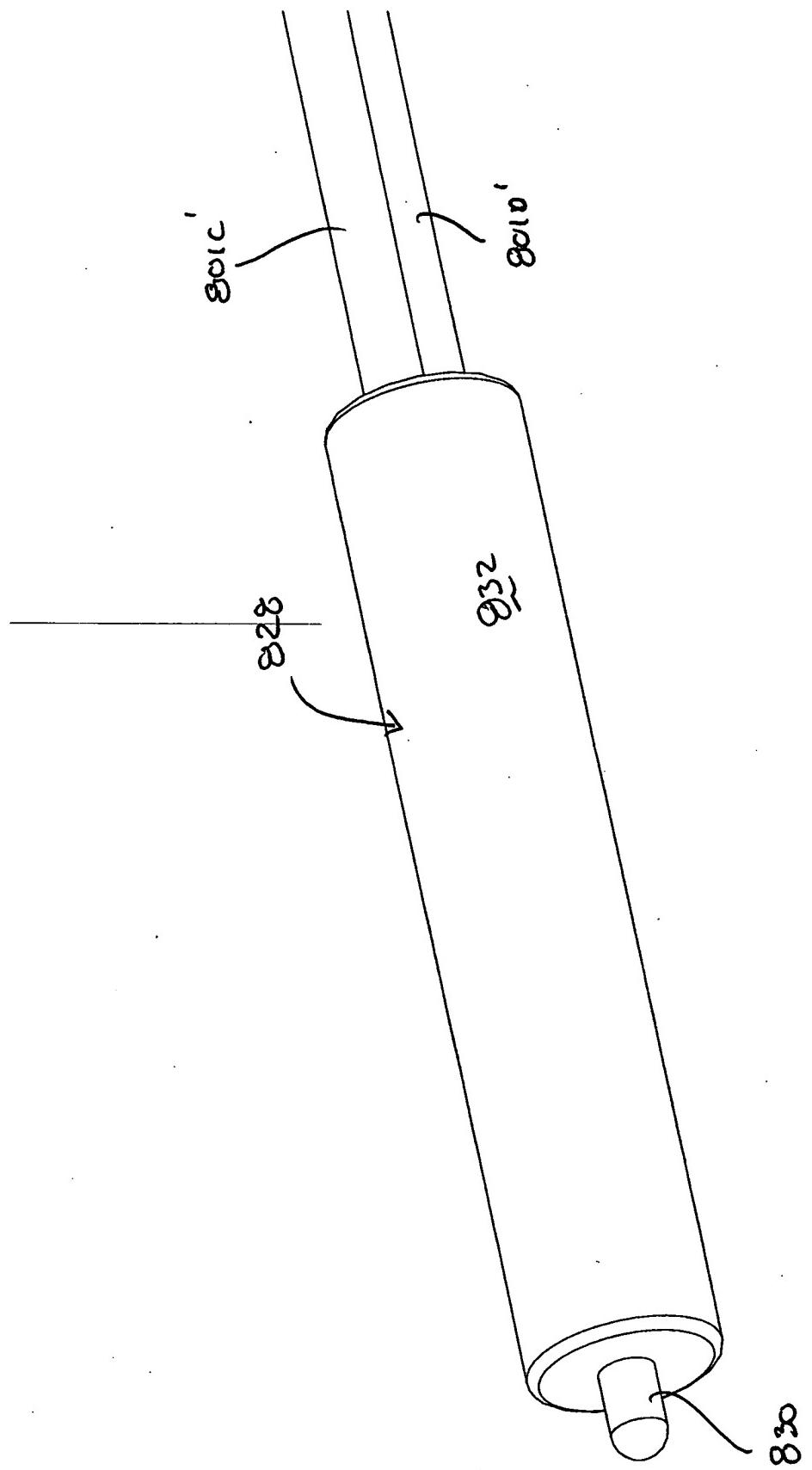


Fig. 110A

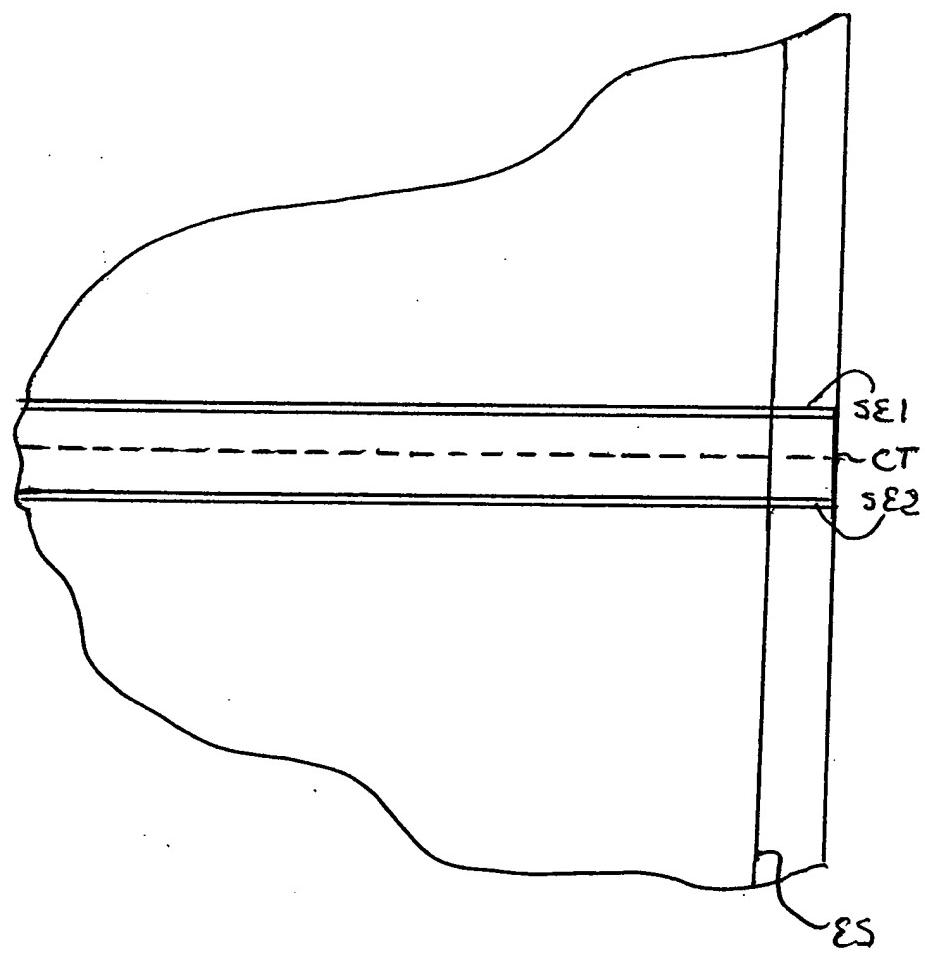


FIG. III

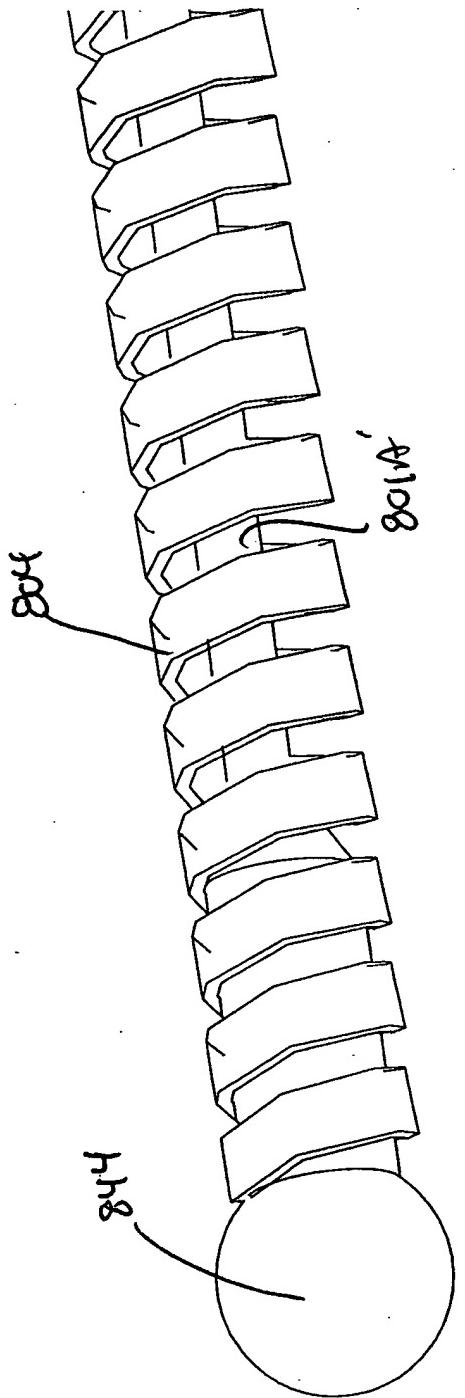
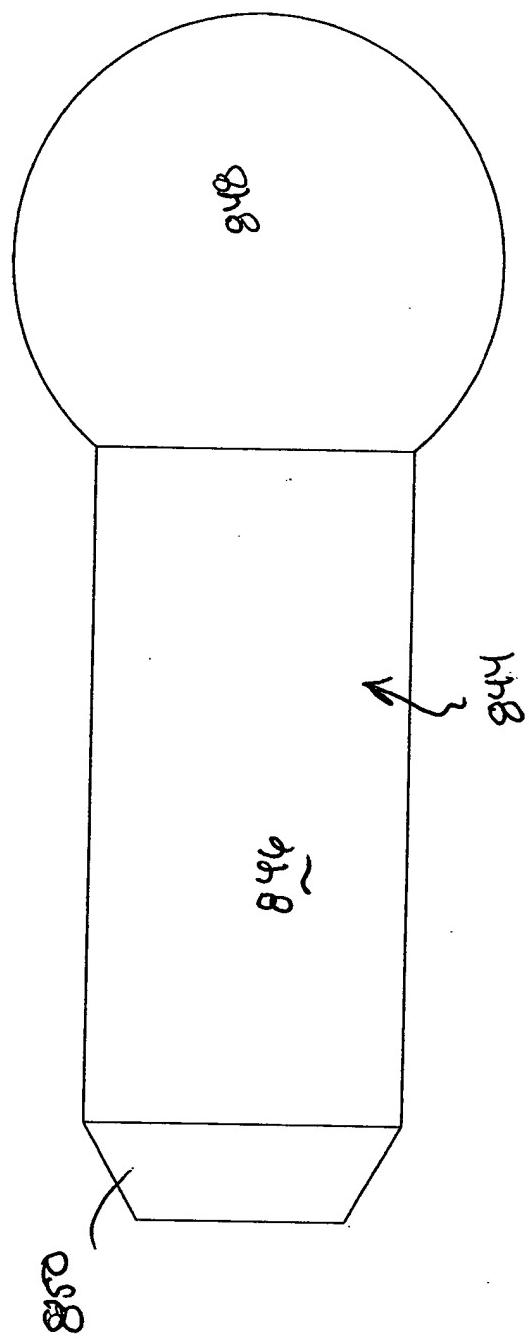
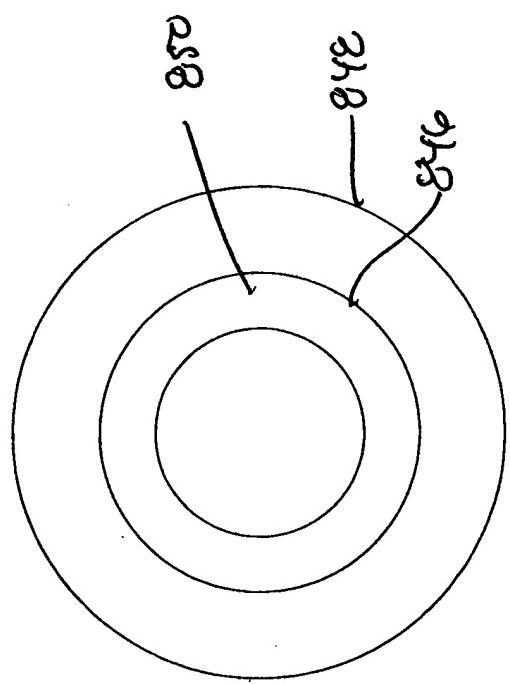


FIG. 112

FIG. 113



F16.113A



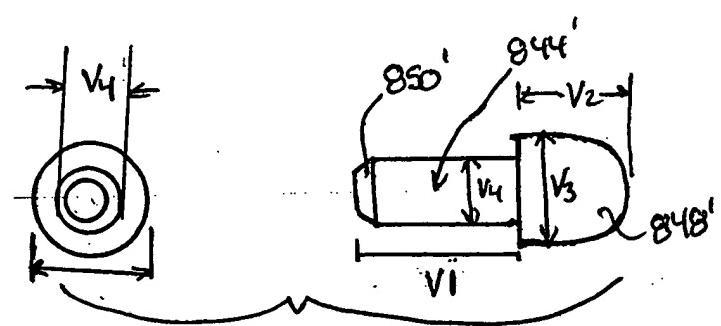


FIG. 114

FIG. 115

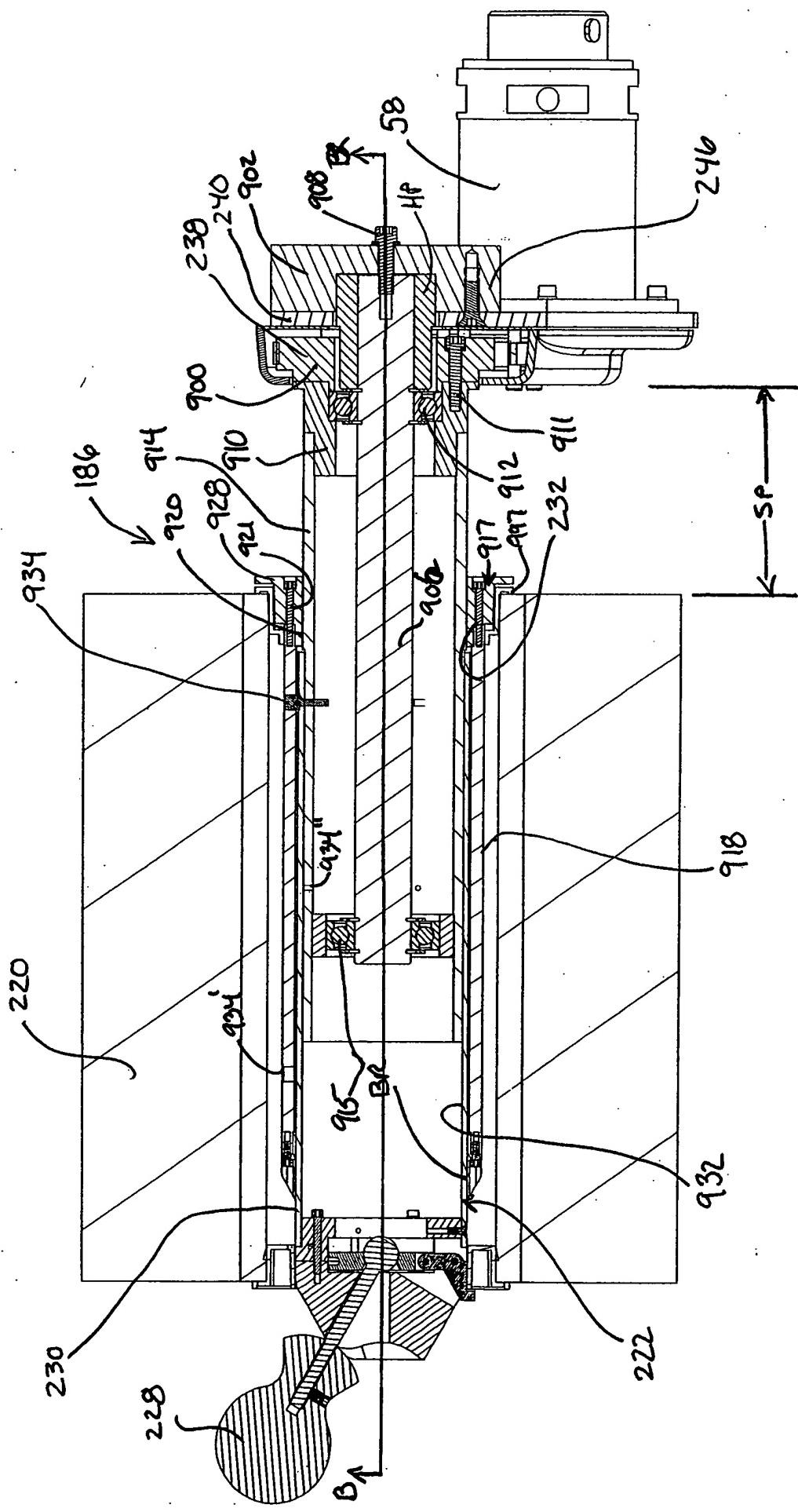
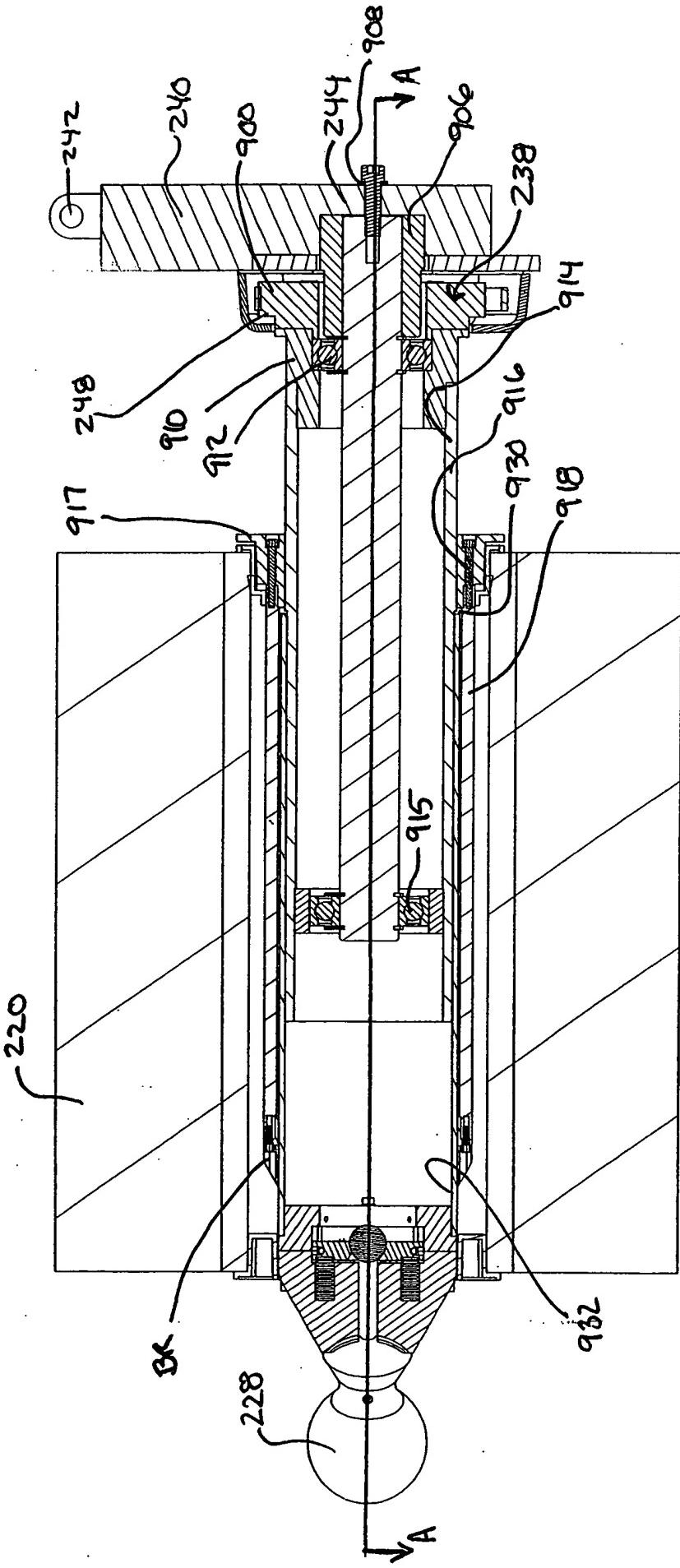
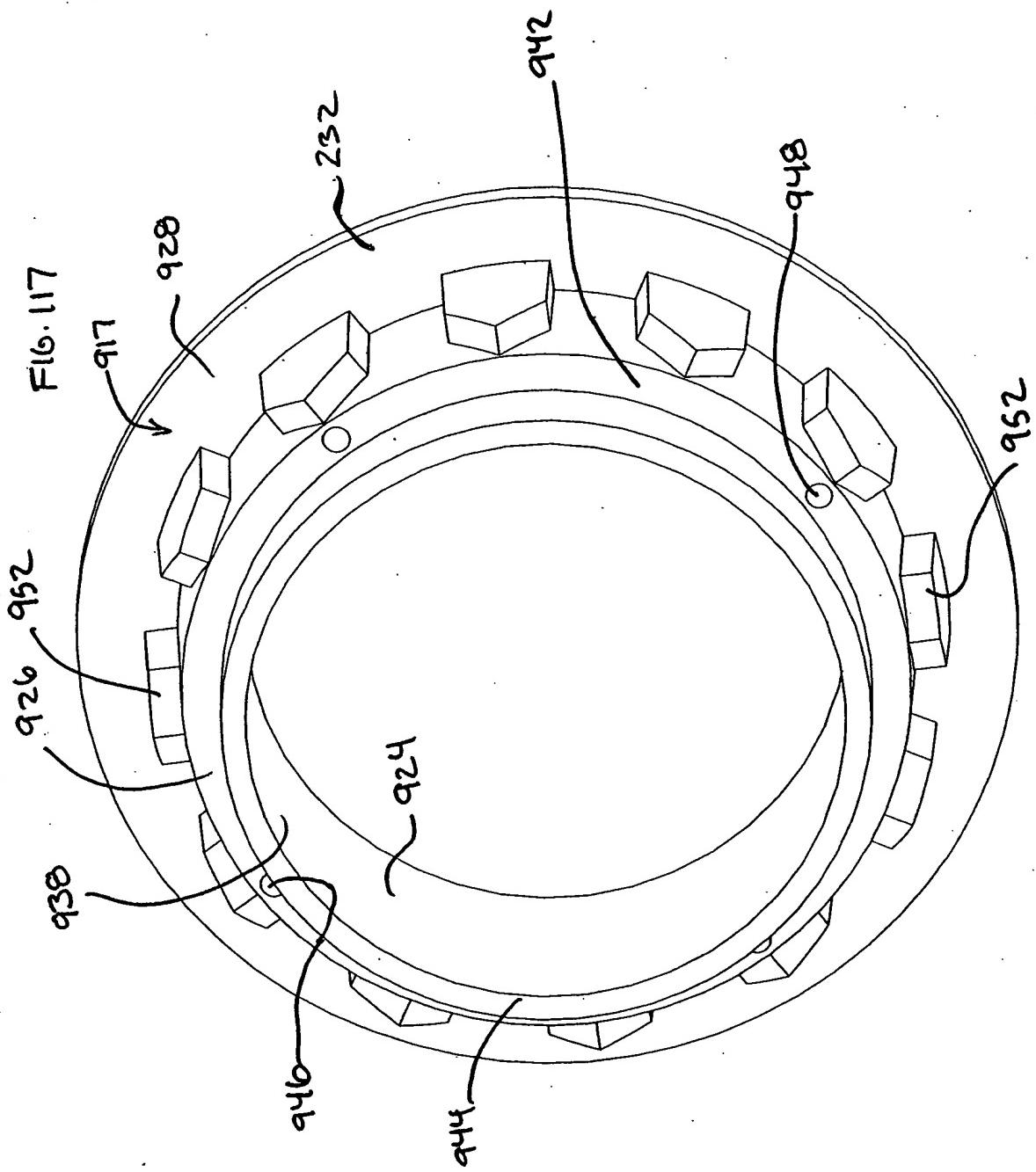


Fig. 116





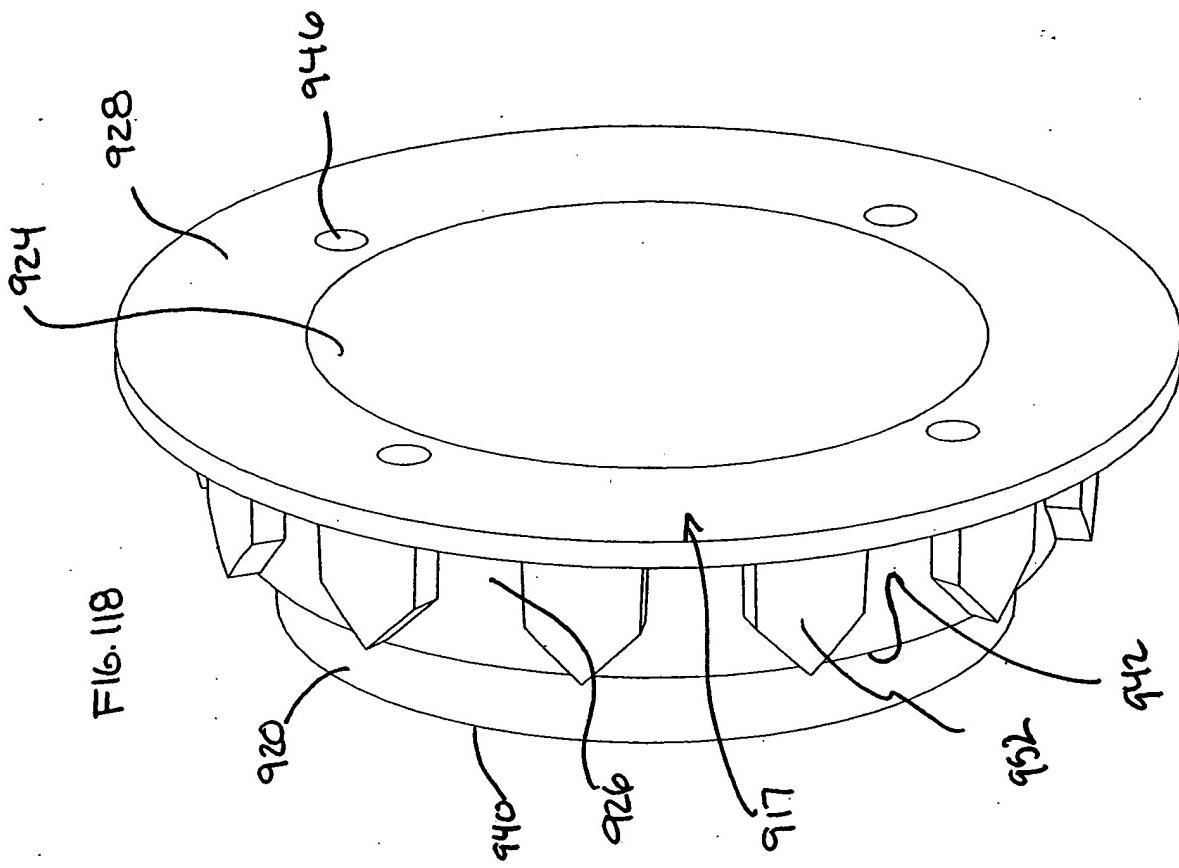


FIG. 119

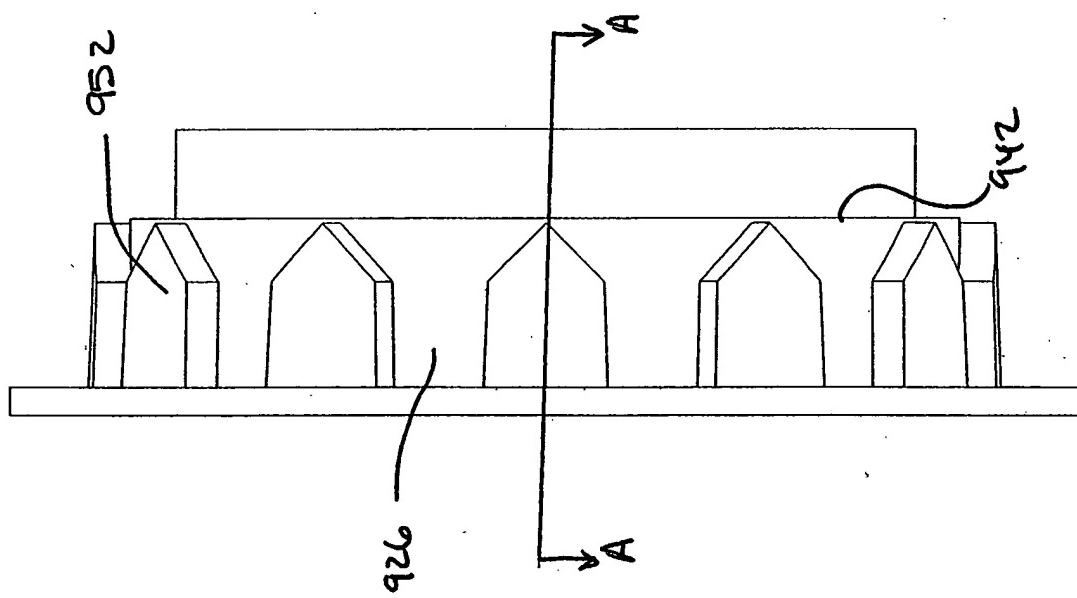
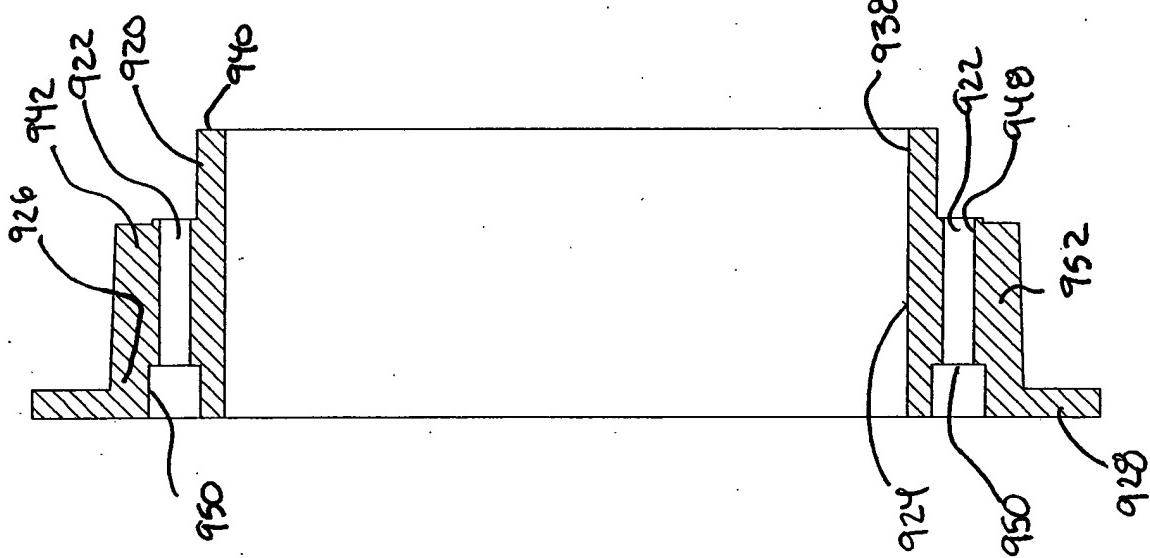


FIG. 120



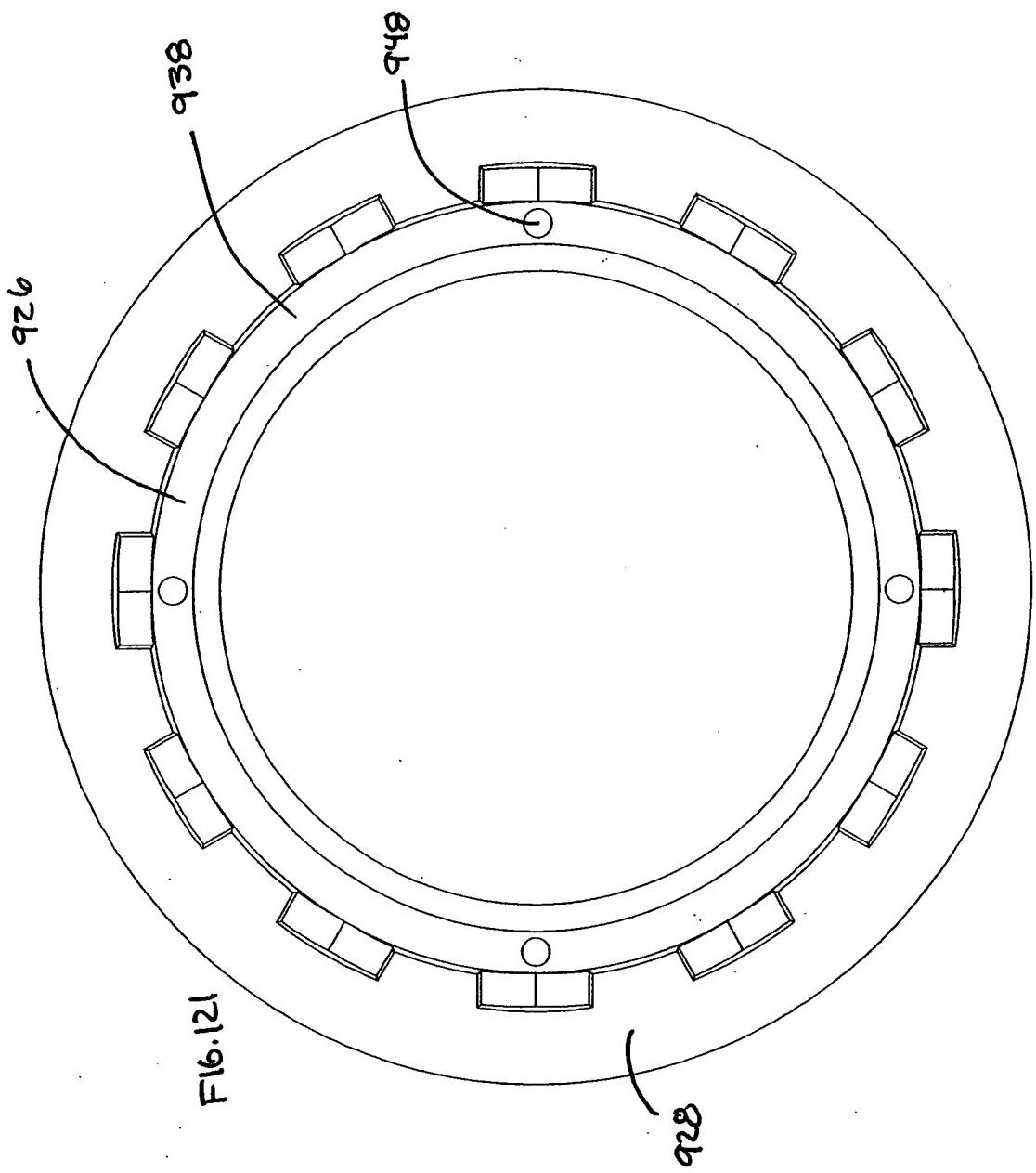


FIG. 122

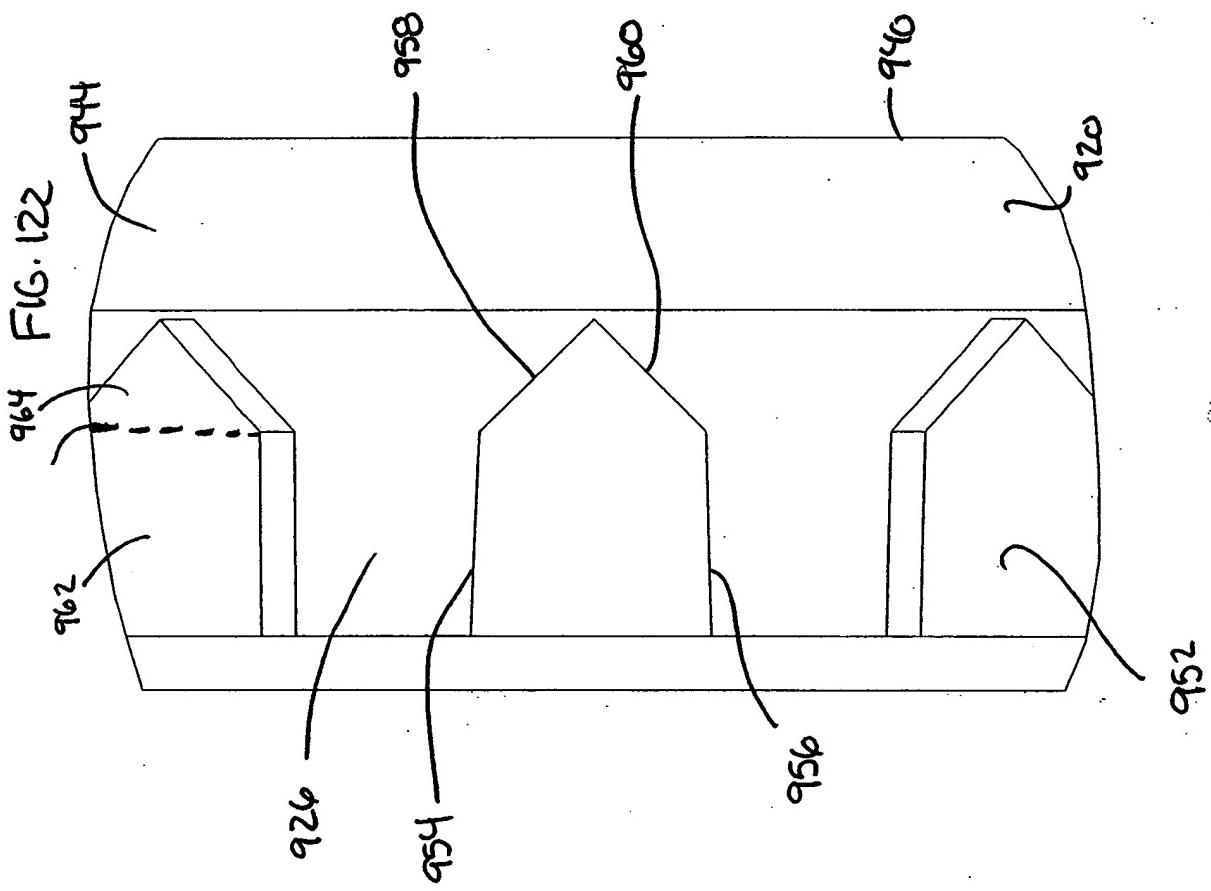
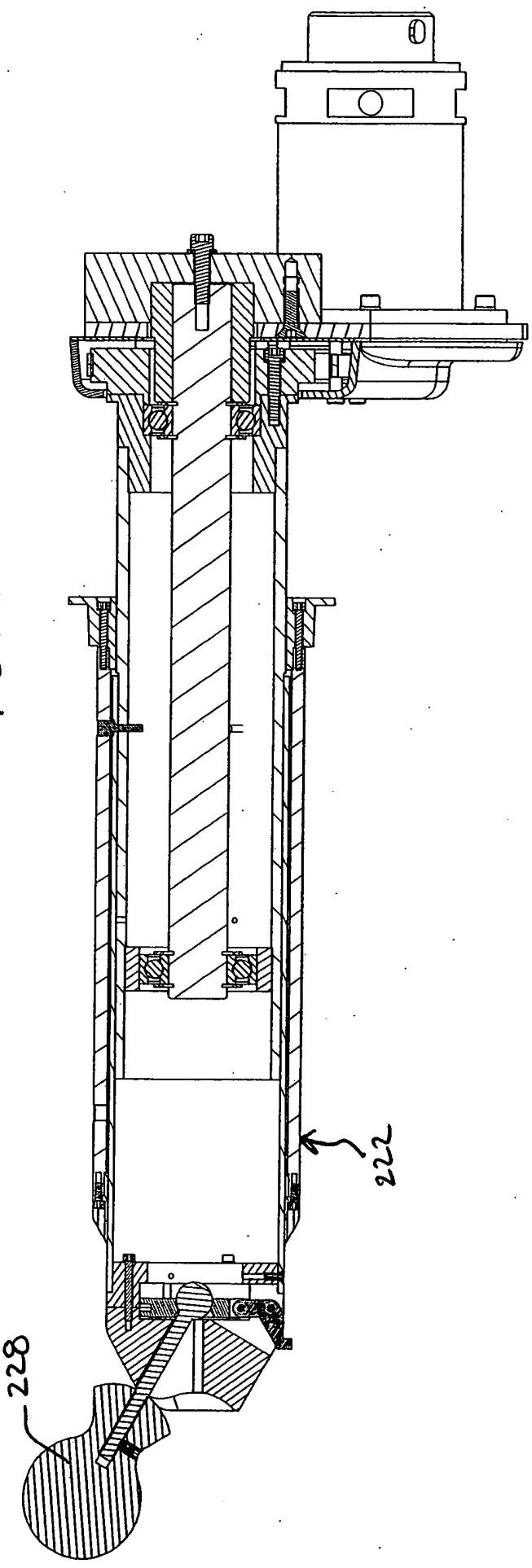
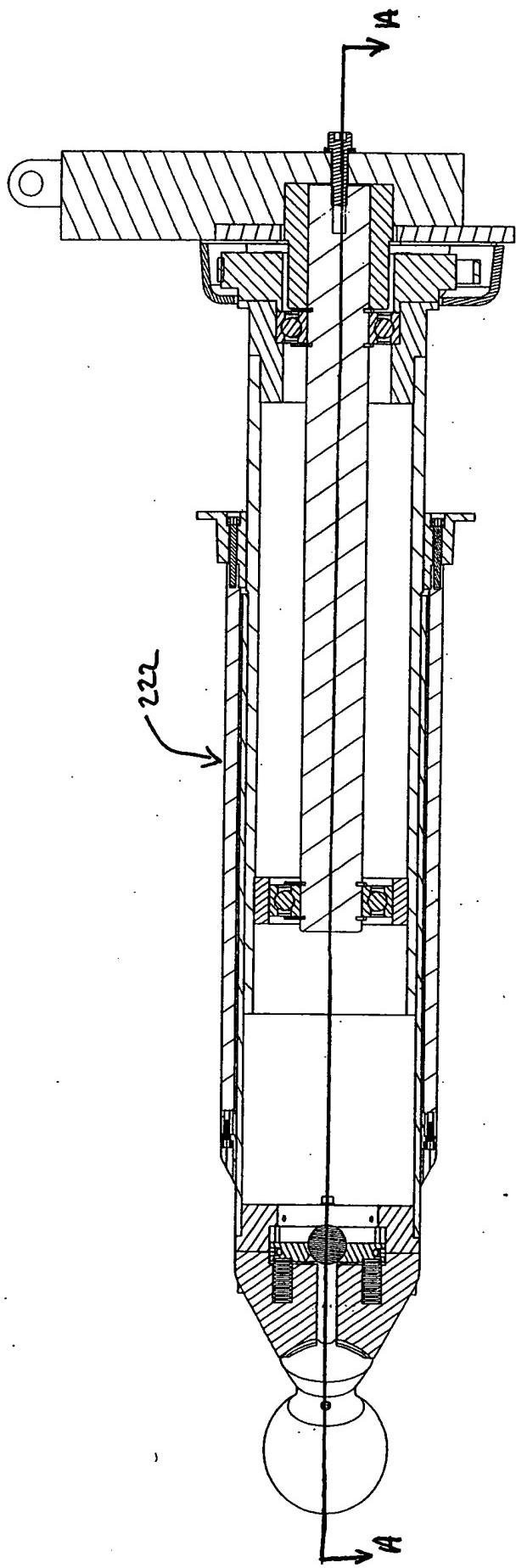
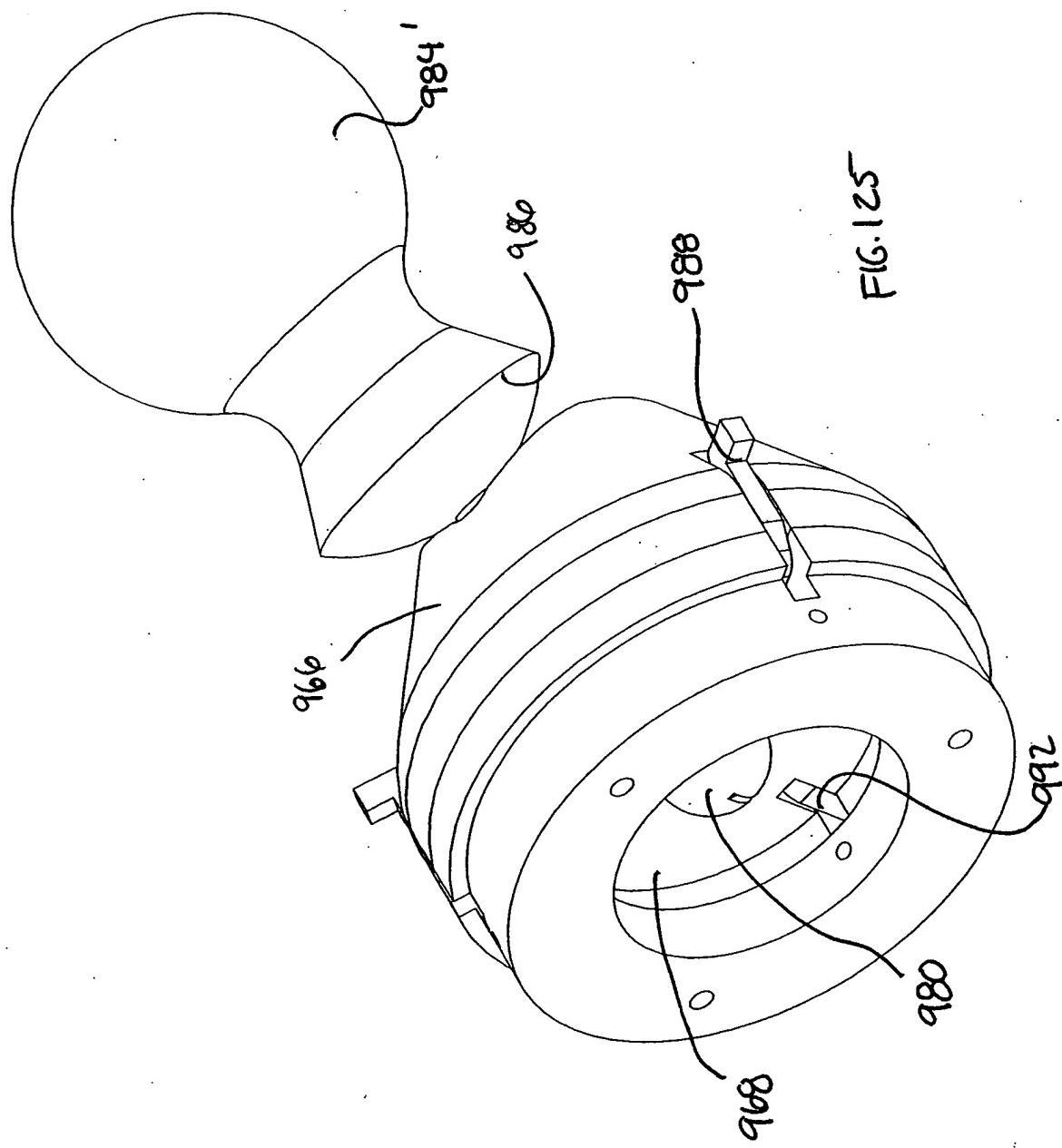


FIG. 123





F16.124



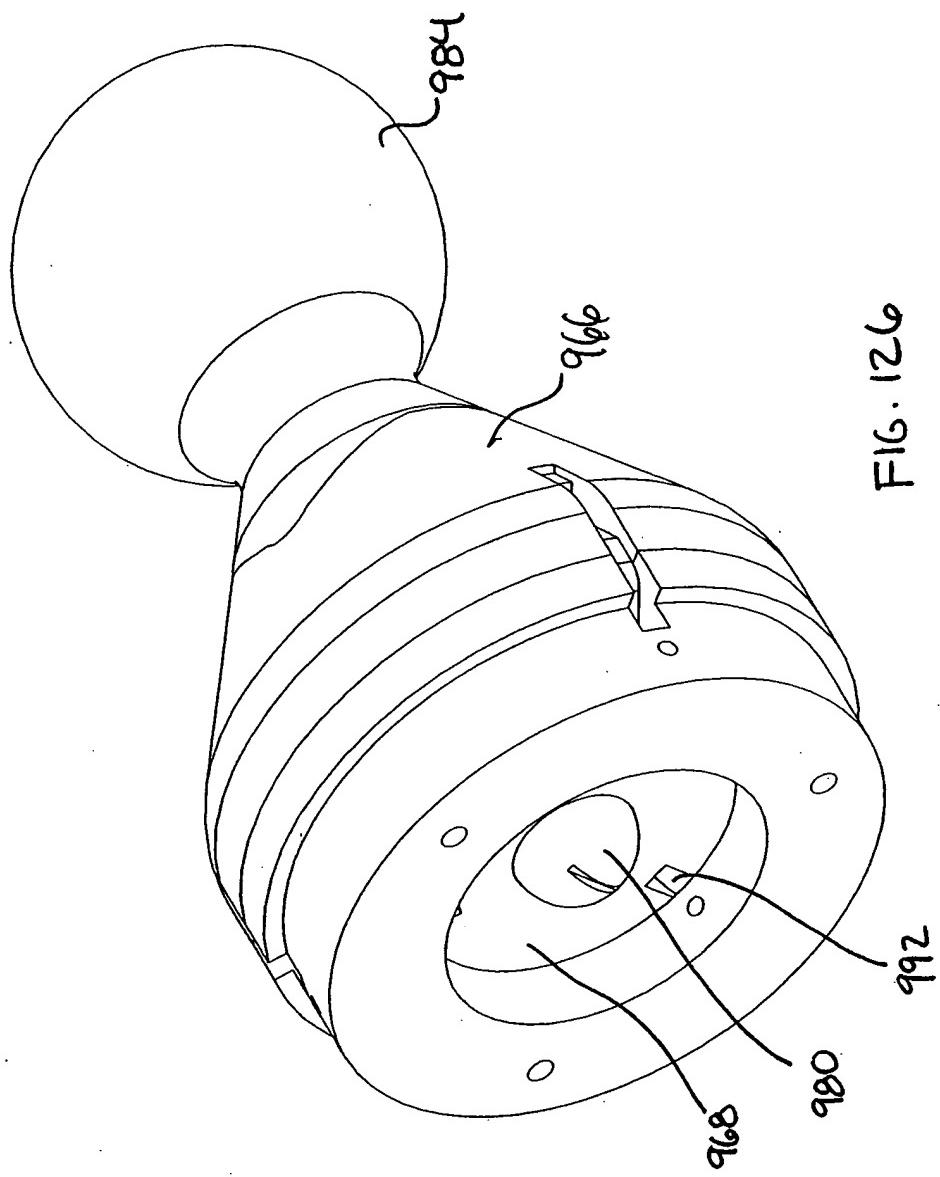
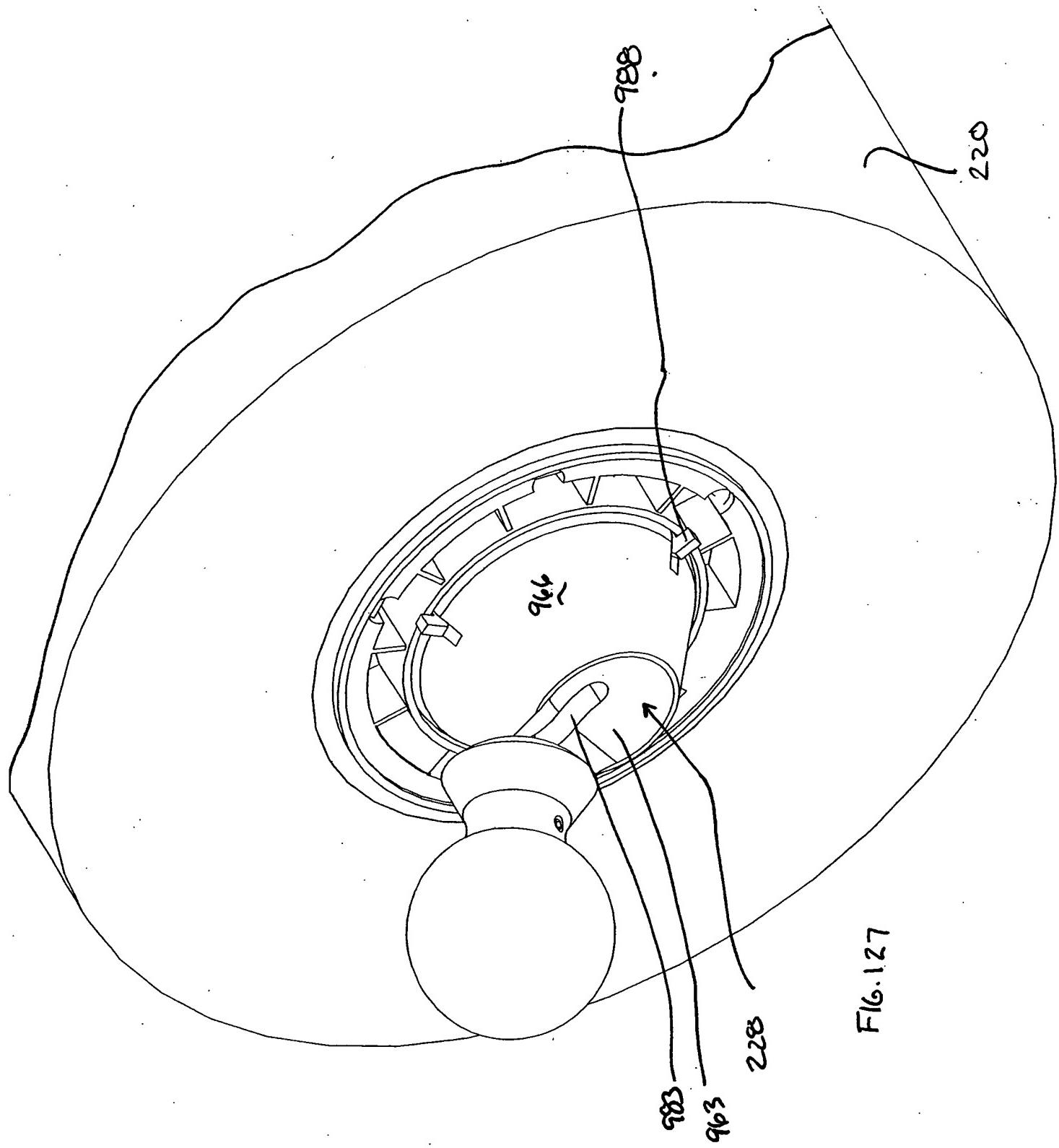


FIG. 126



F16.127

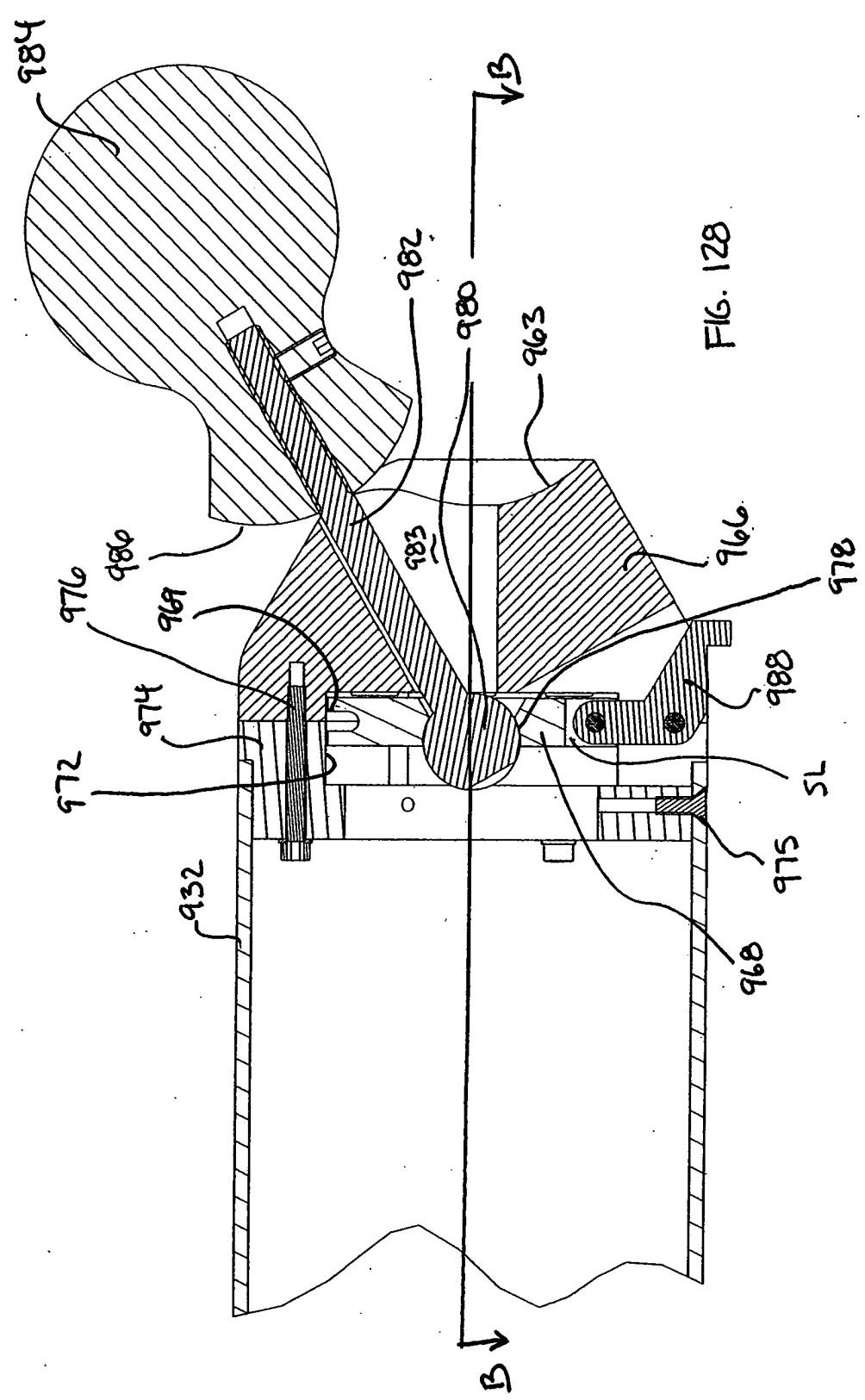
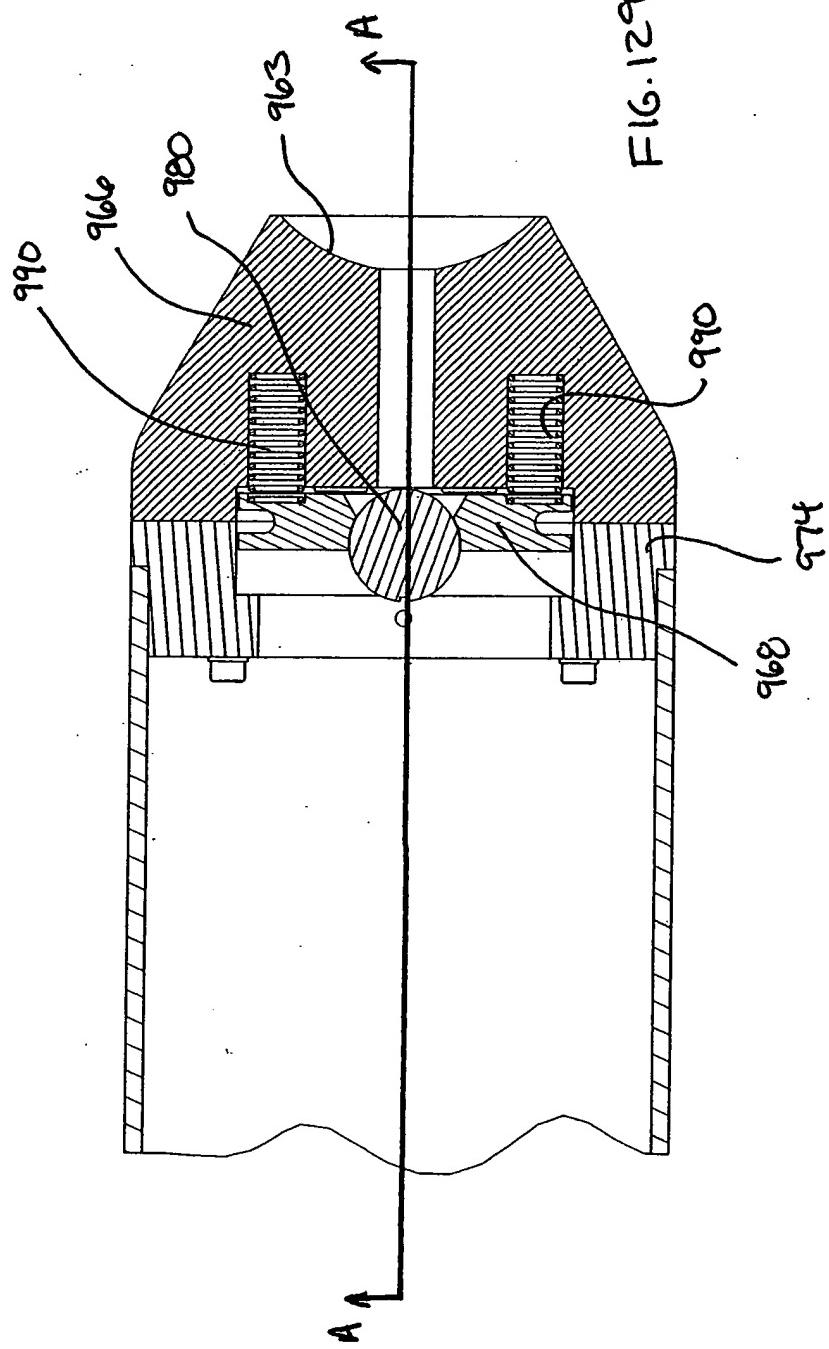


FIG. 129



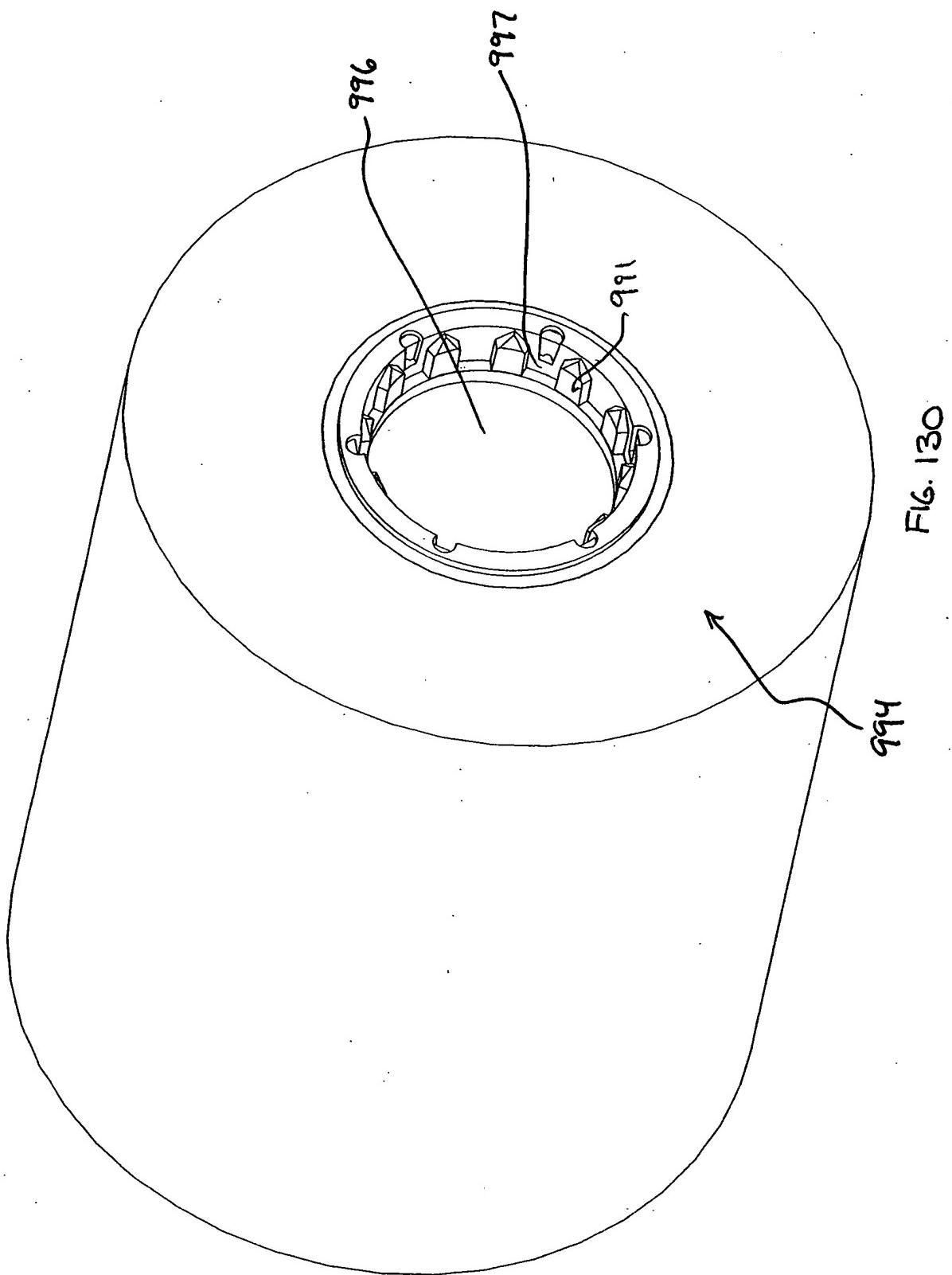


FIG. 130

FIG. 131

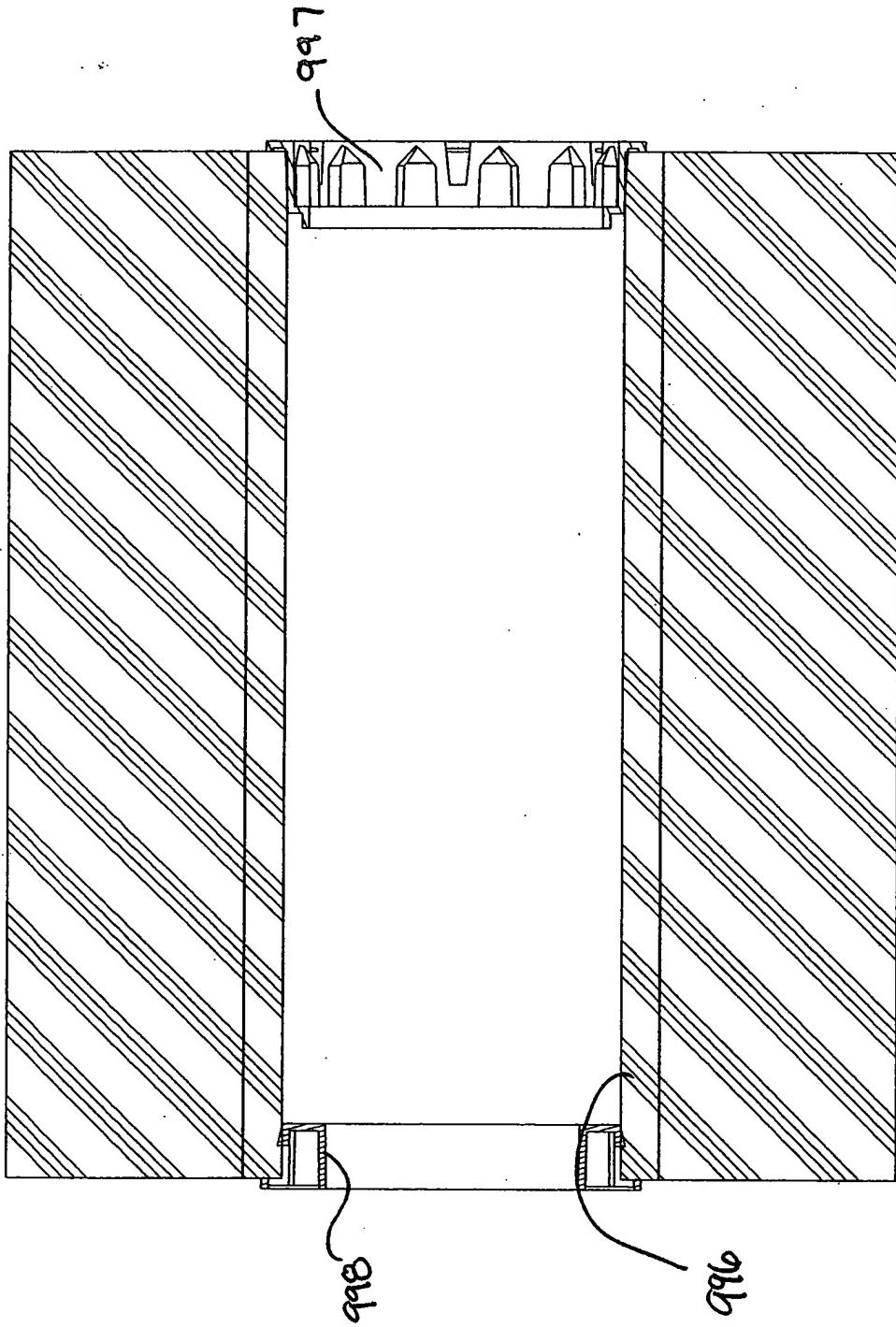


FIG. 182

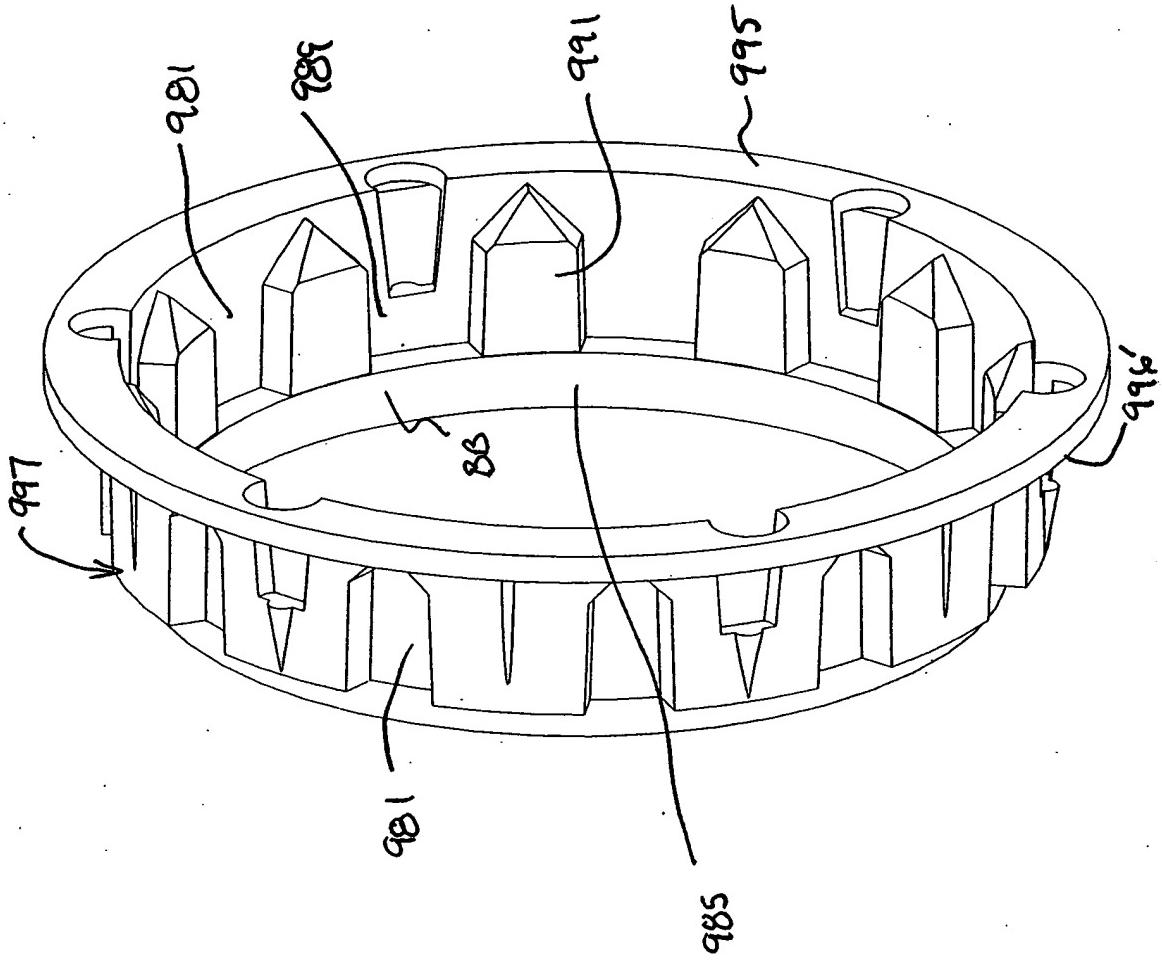
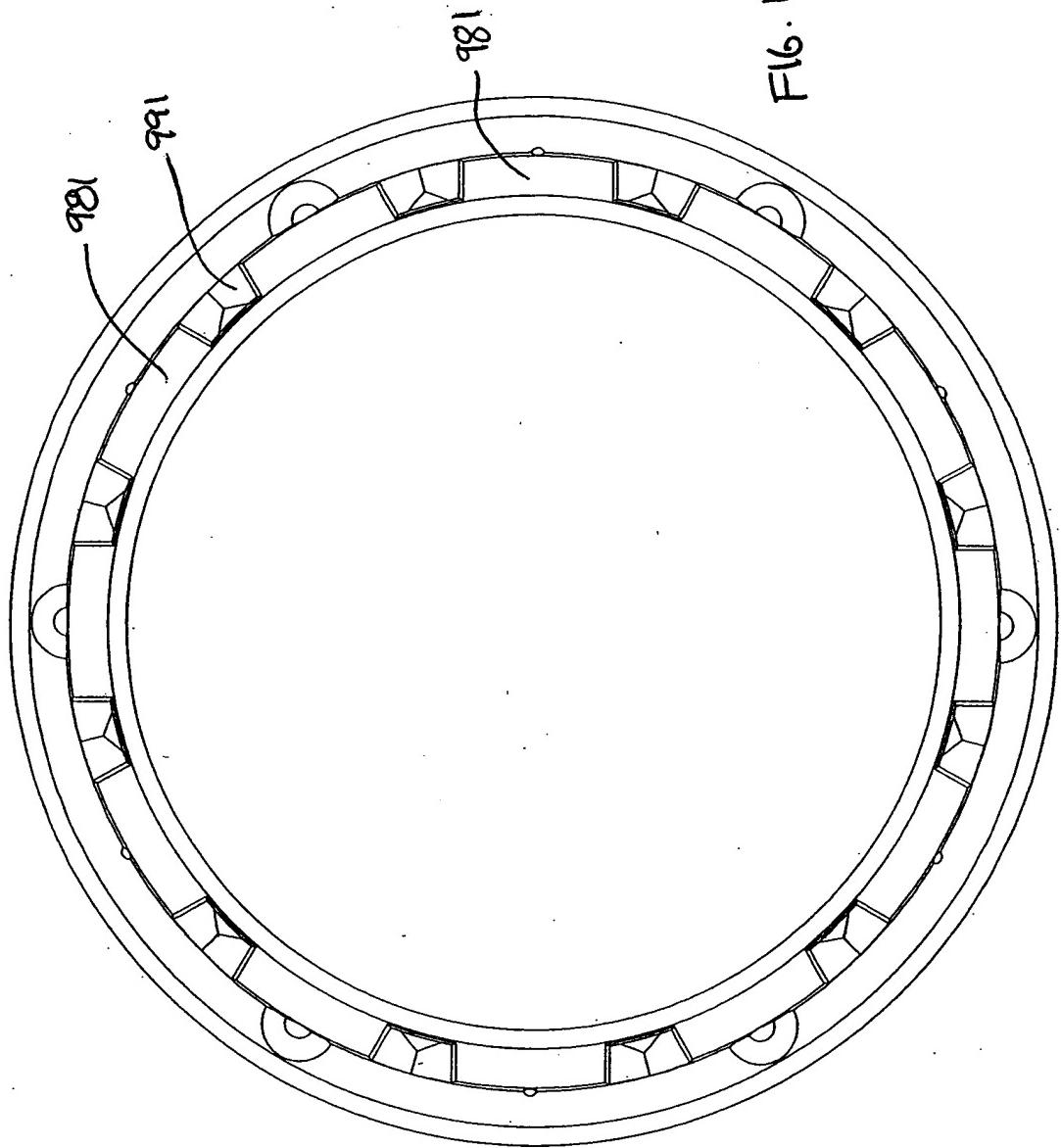


FIG. 133



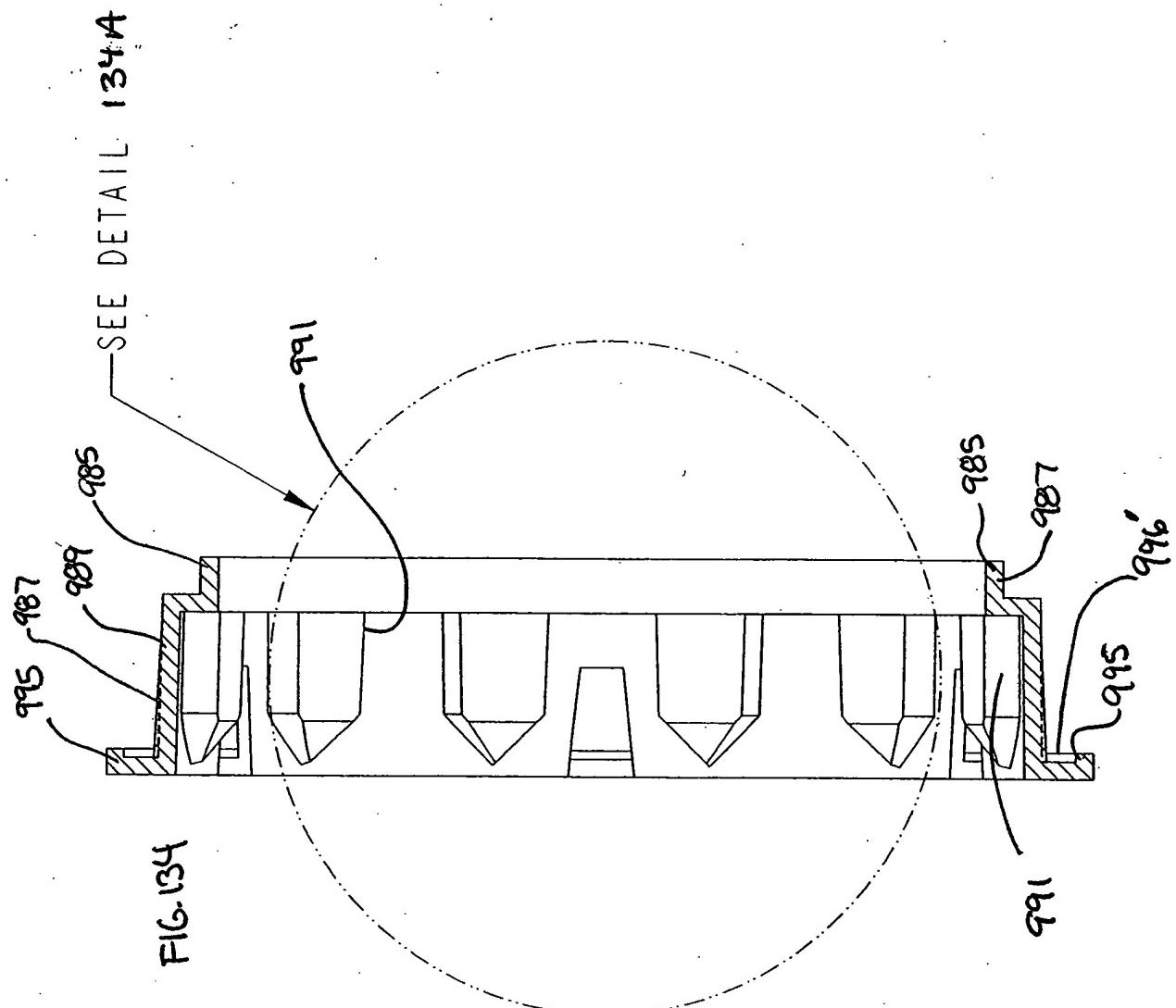
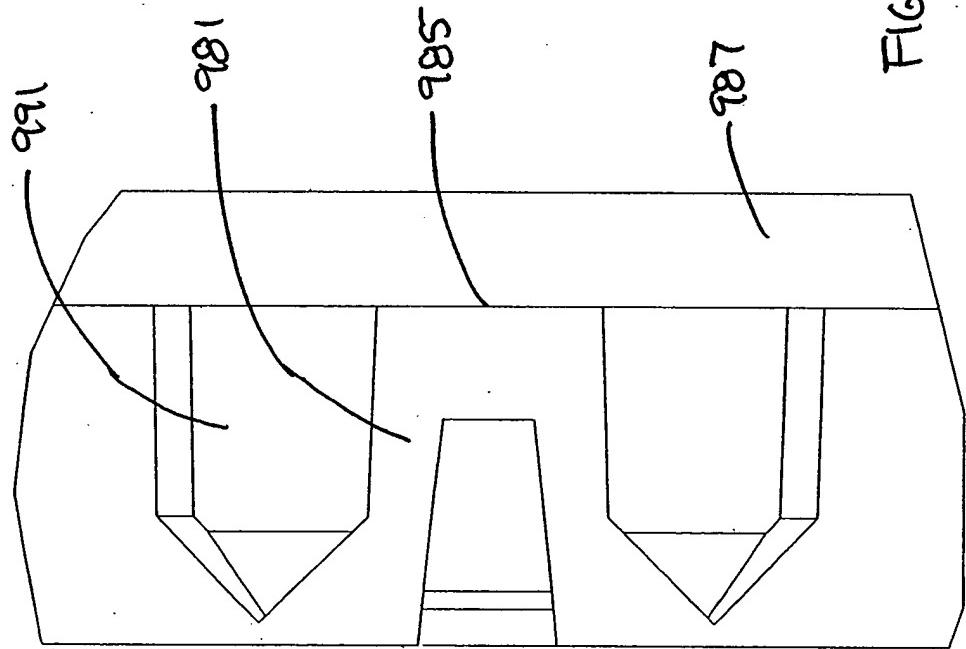
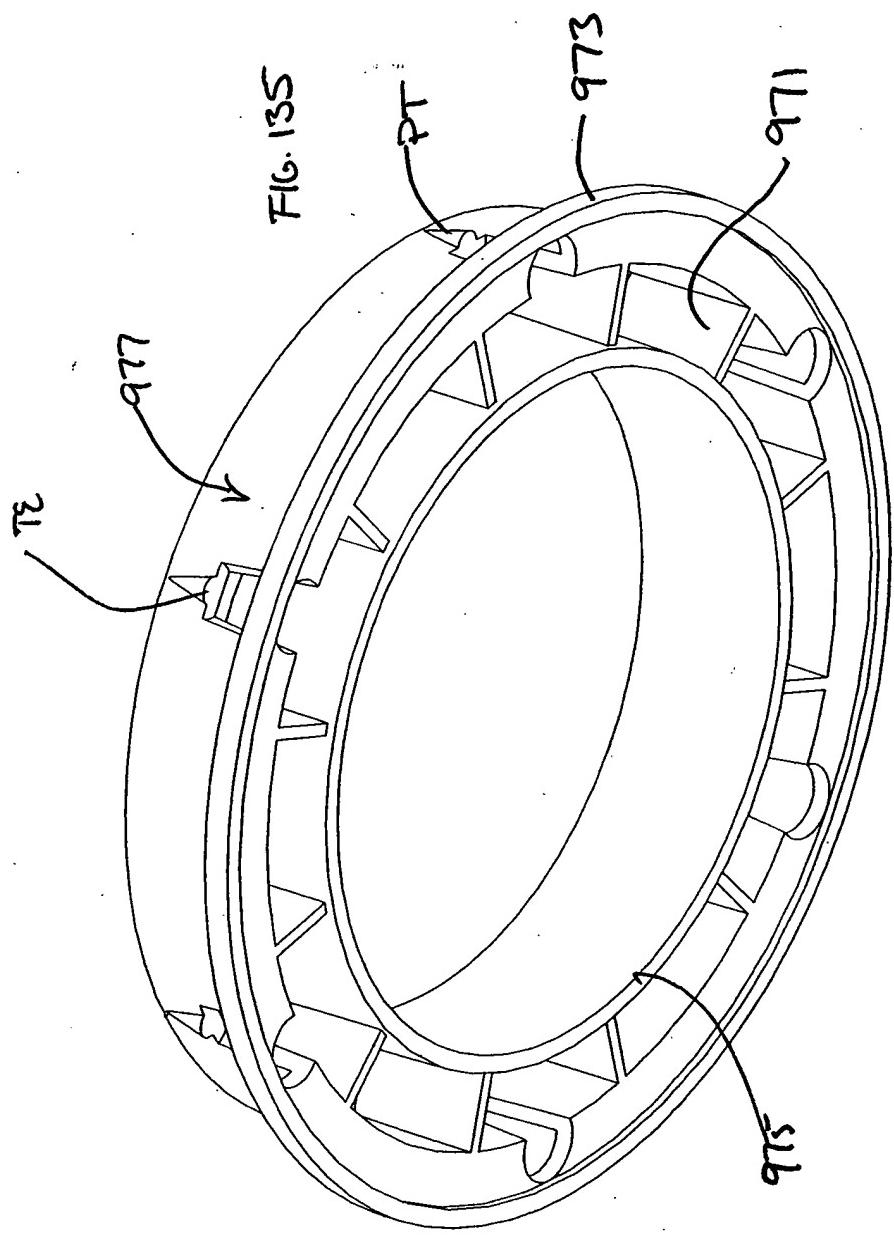


FIG. 134A





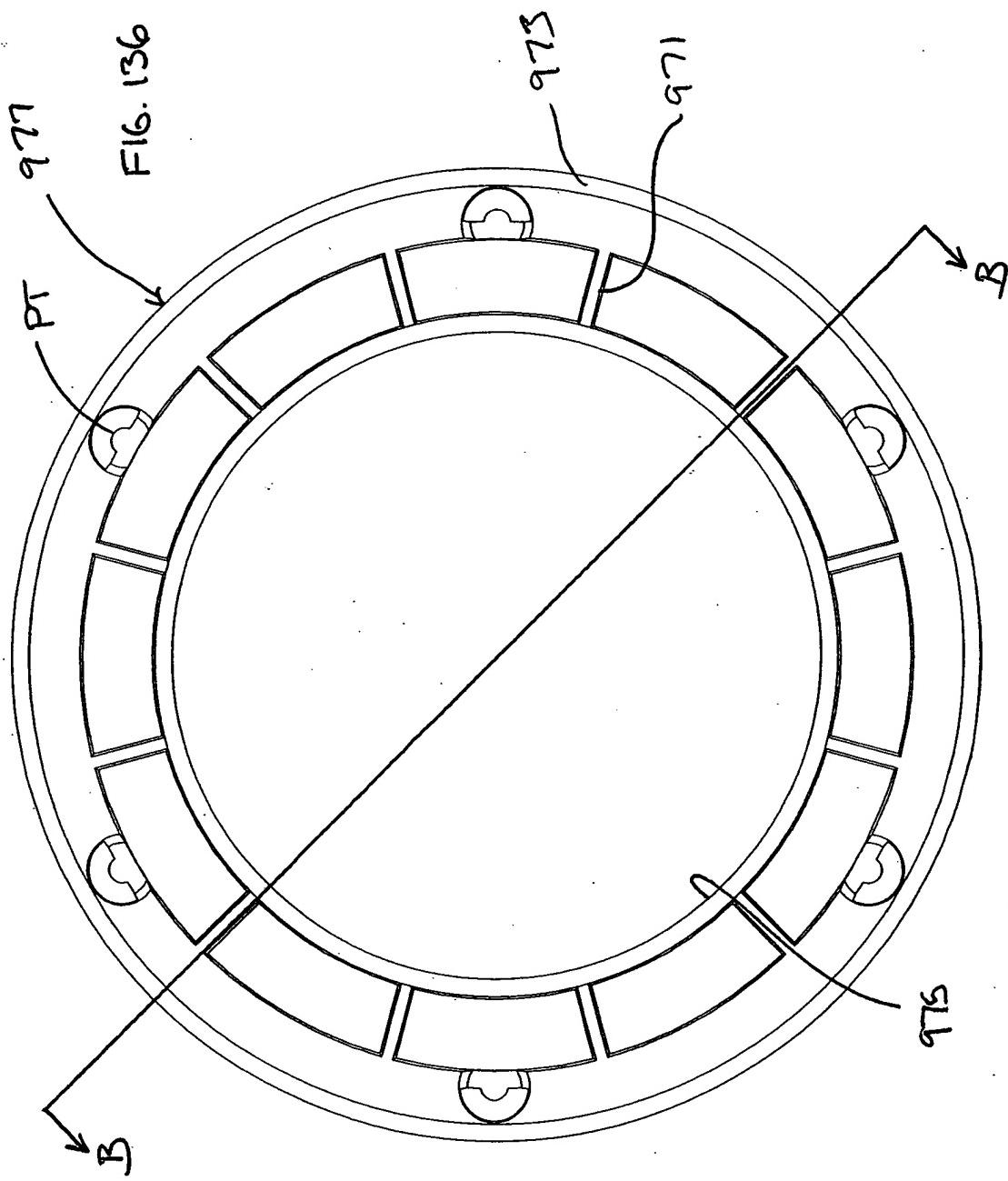
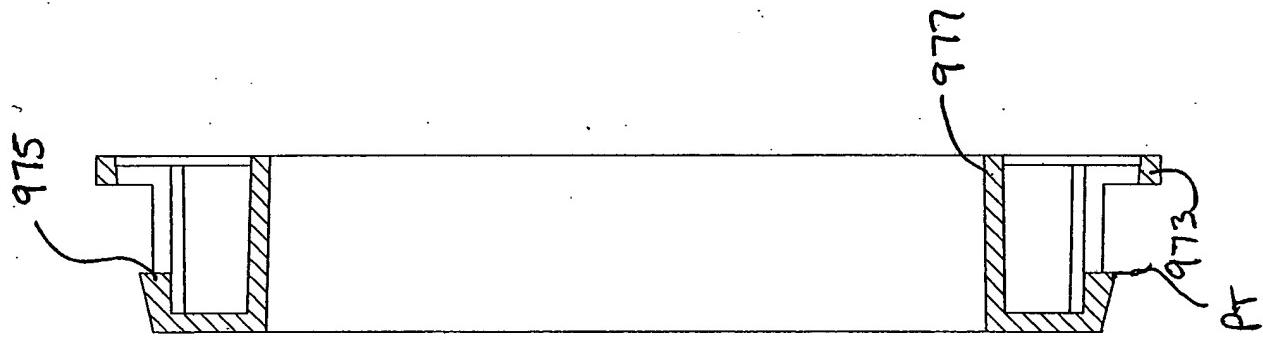
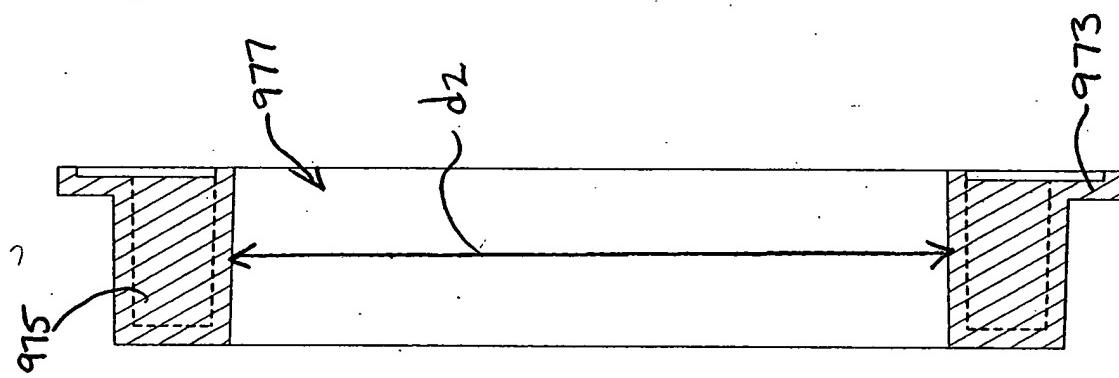


FIG. 137



F16. 138



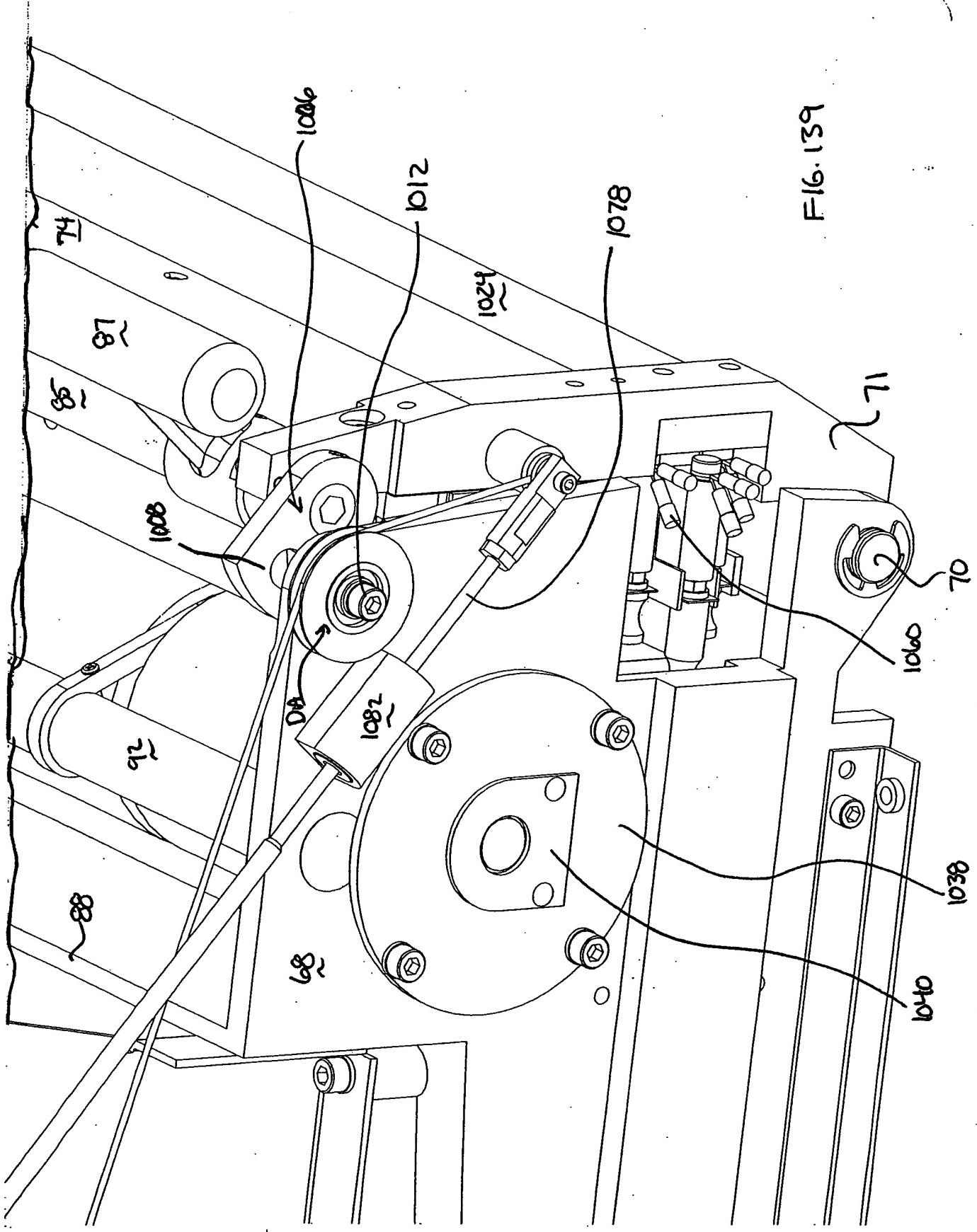
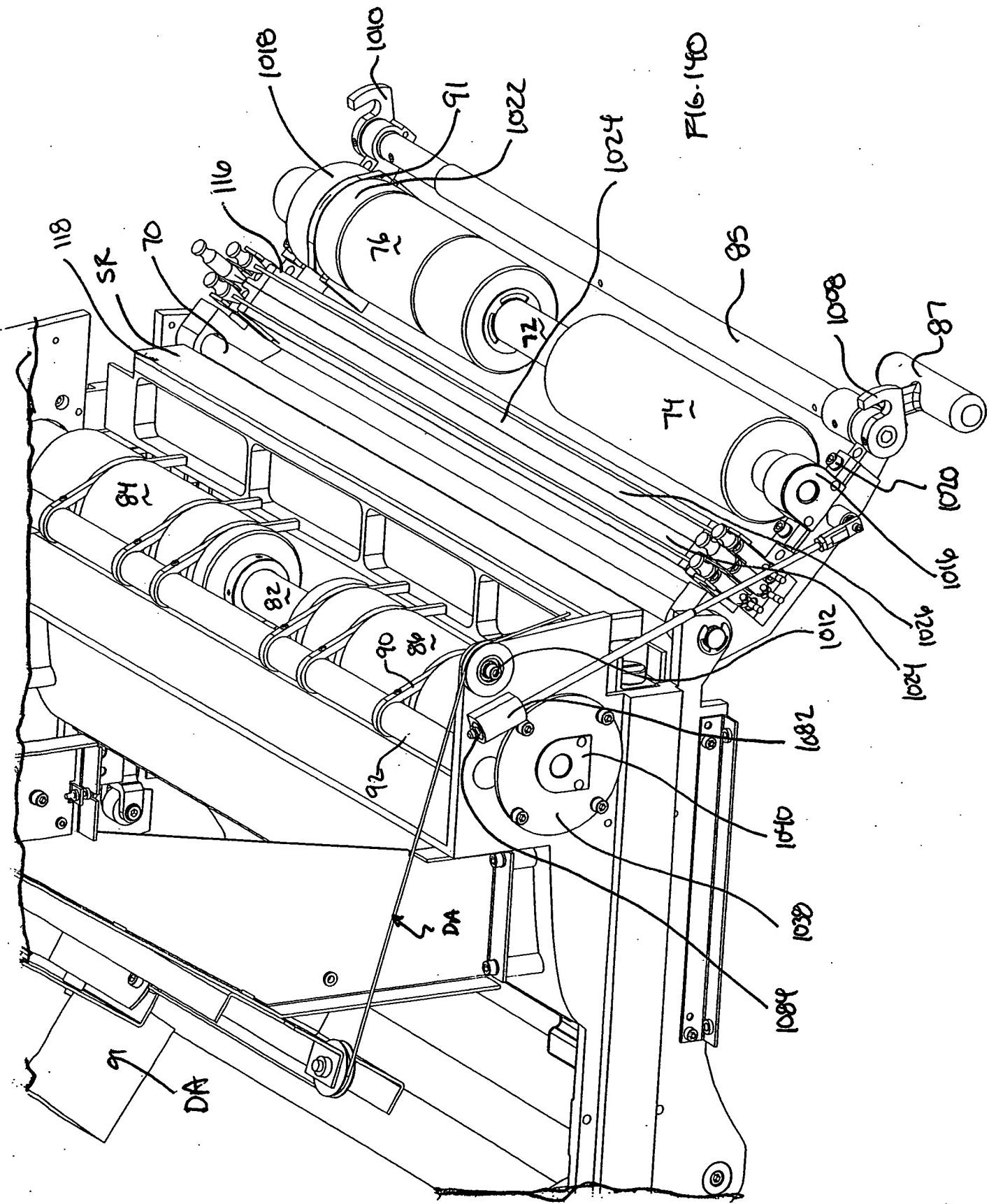


FIG. 140



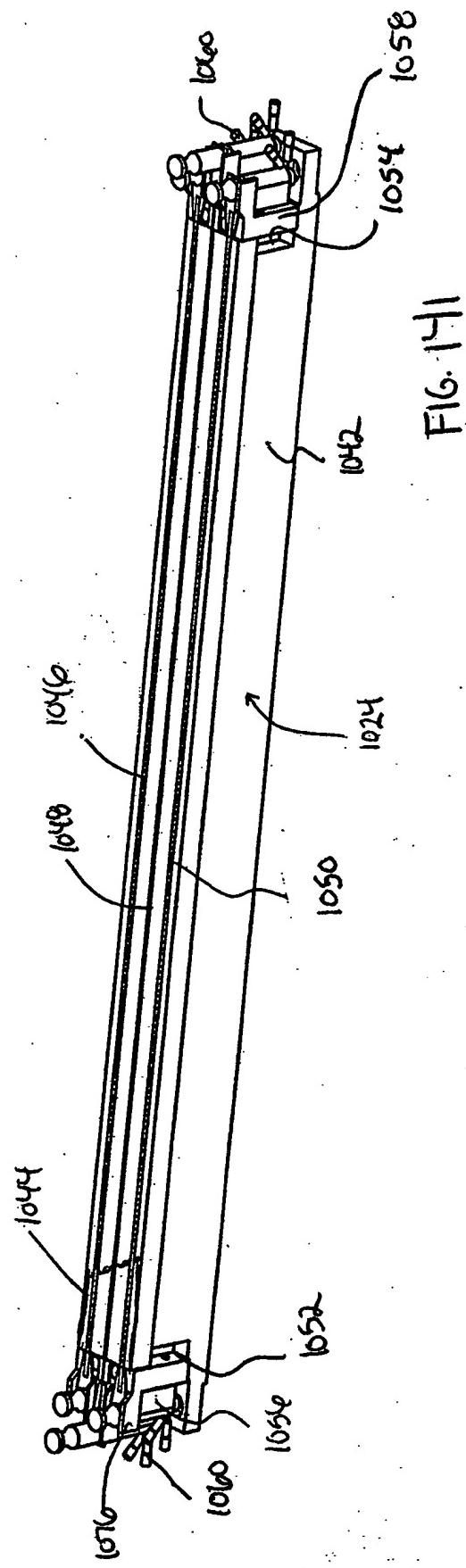


FIG. 1H1

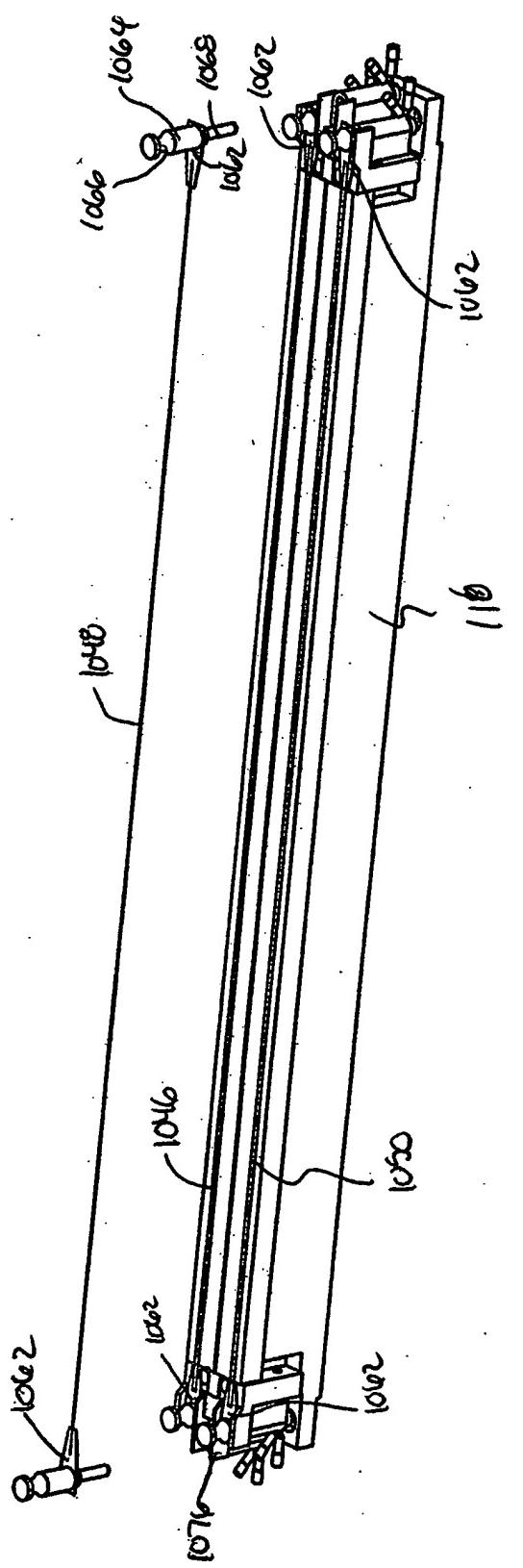


FIG 142

FIG. 143

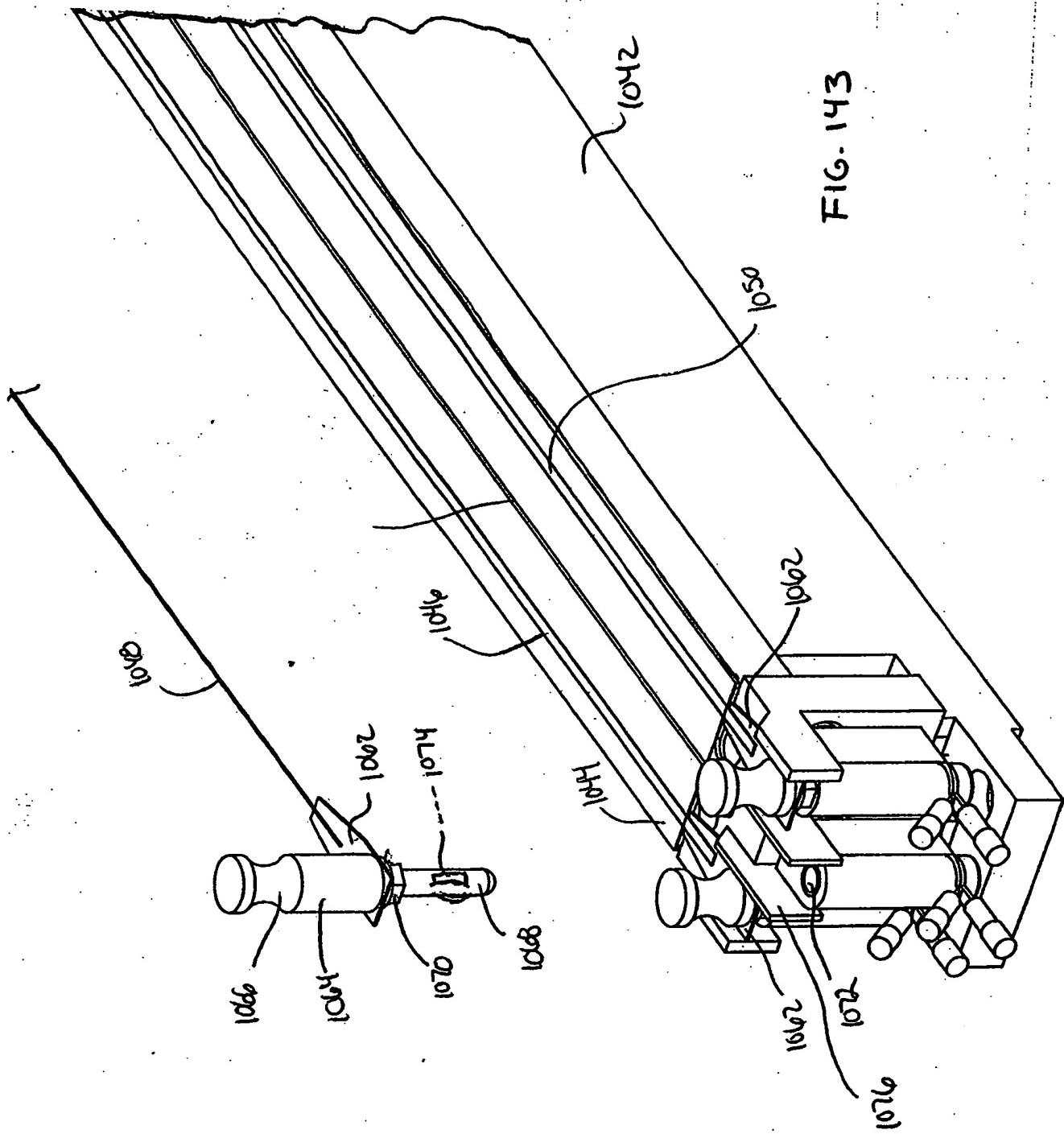
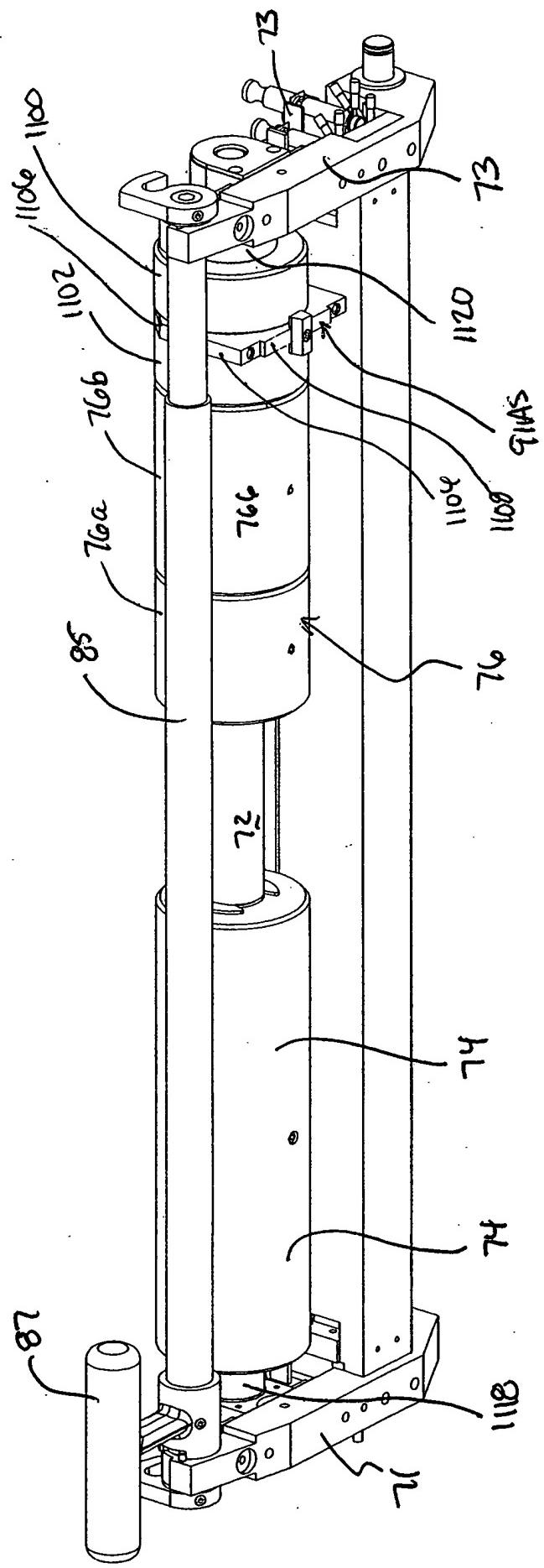
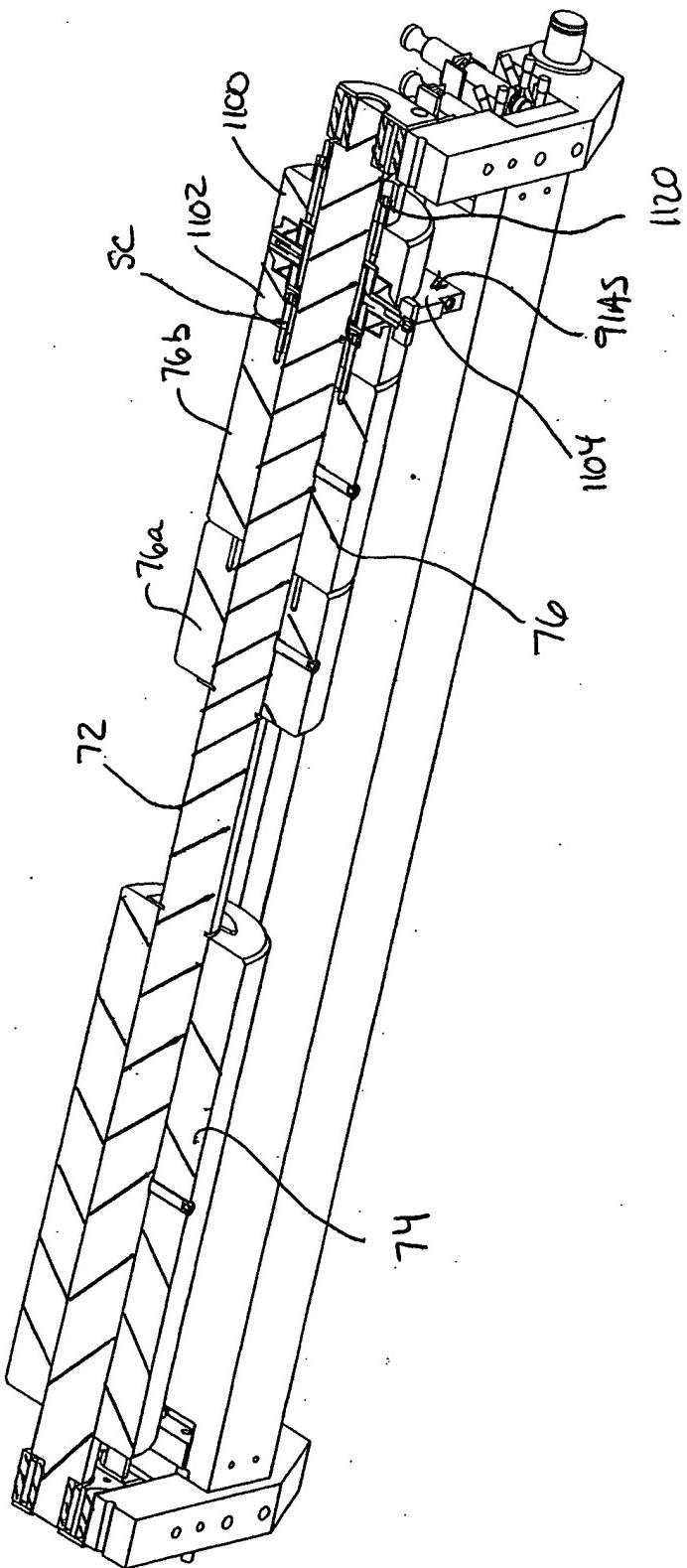


FIG. 144





F16.145

FIG. 146

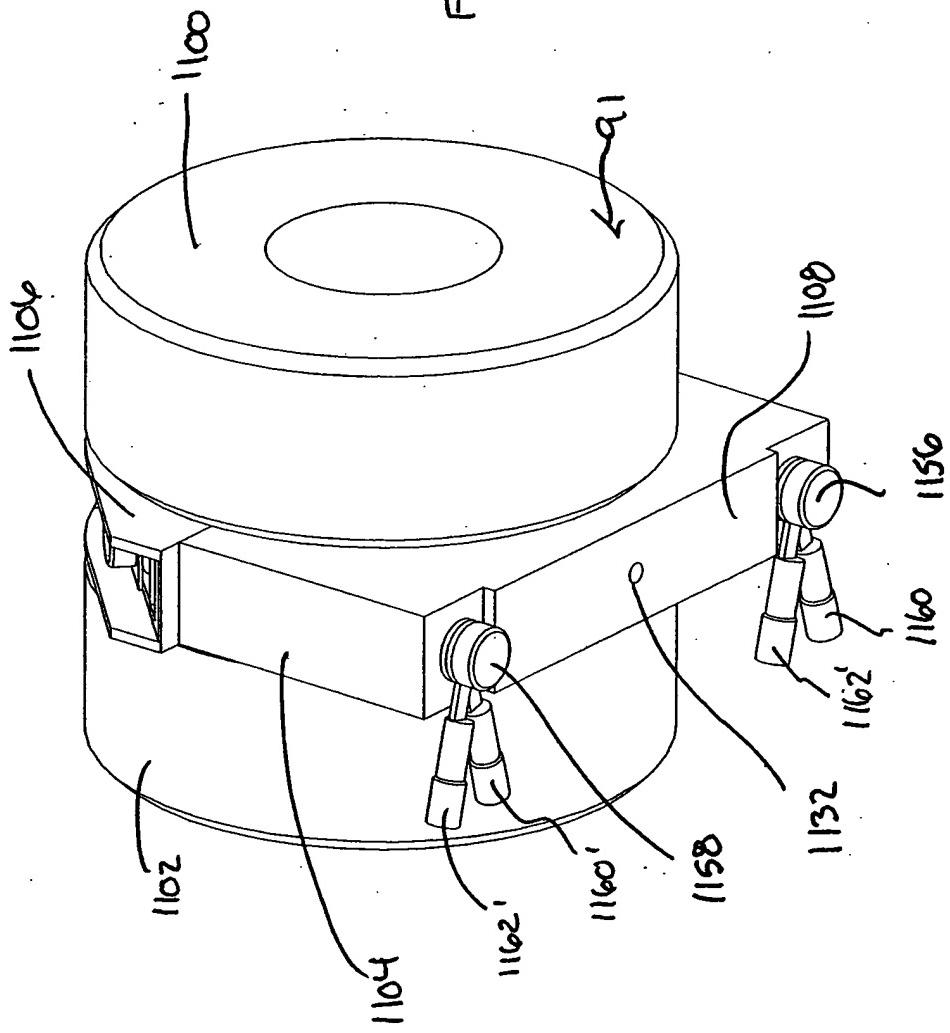


FIG. 146A

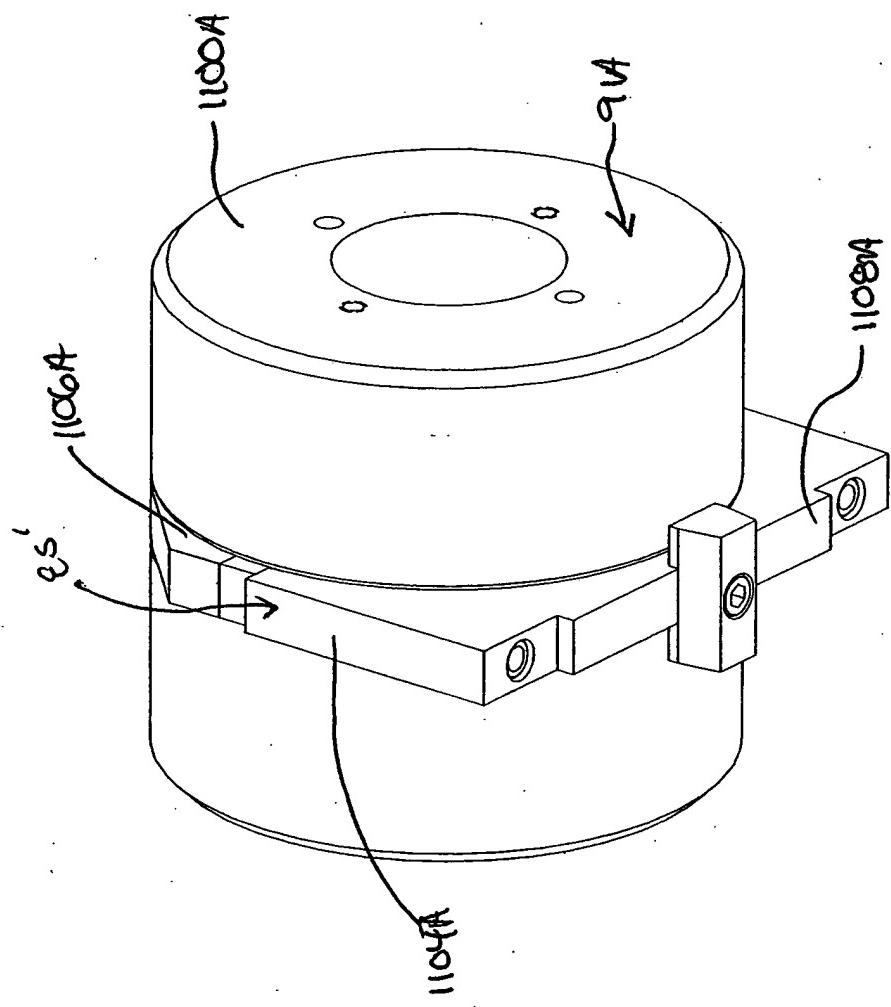


FIG. 147

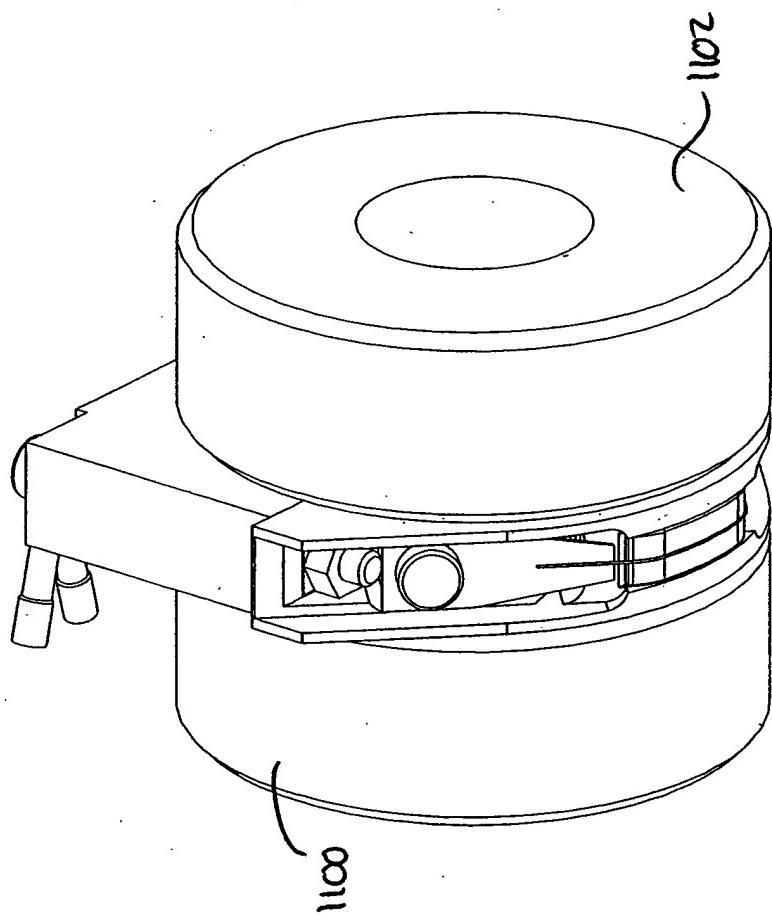


FIG. 147A

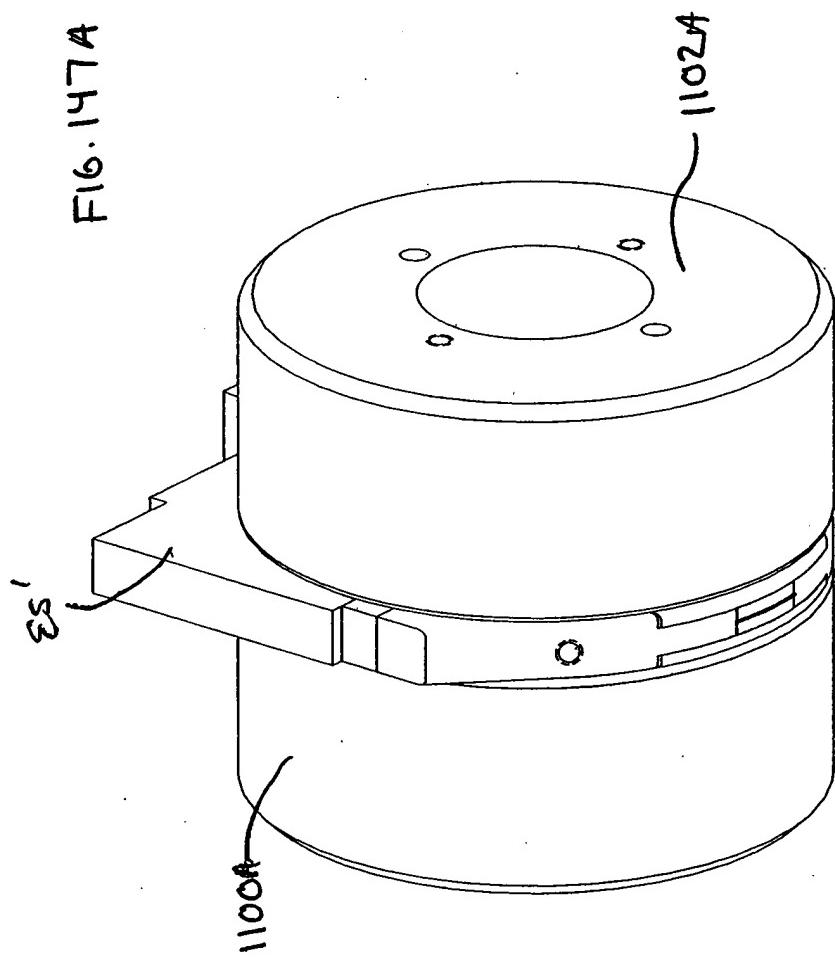
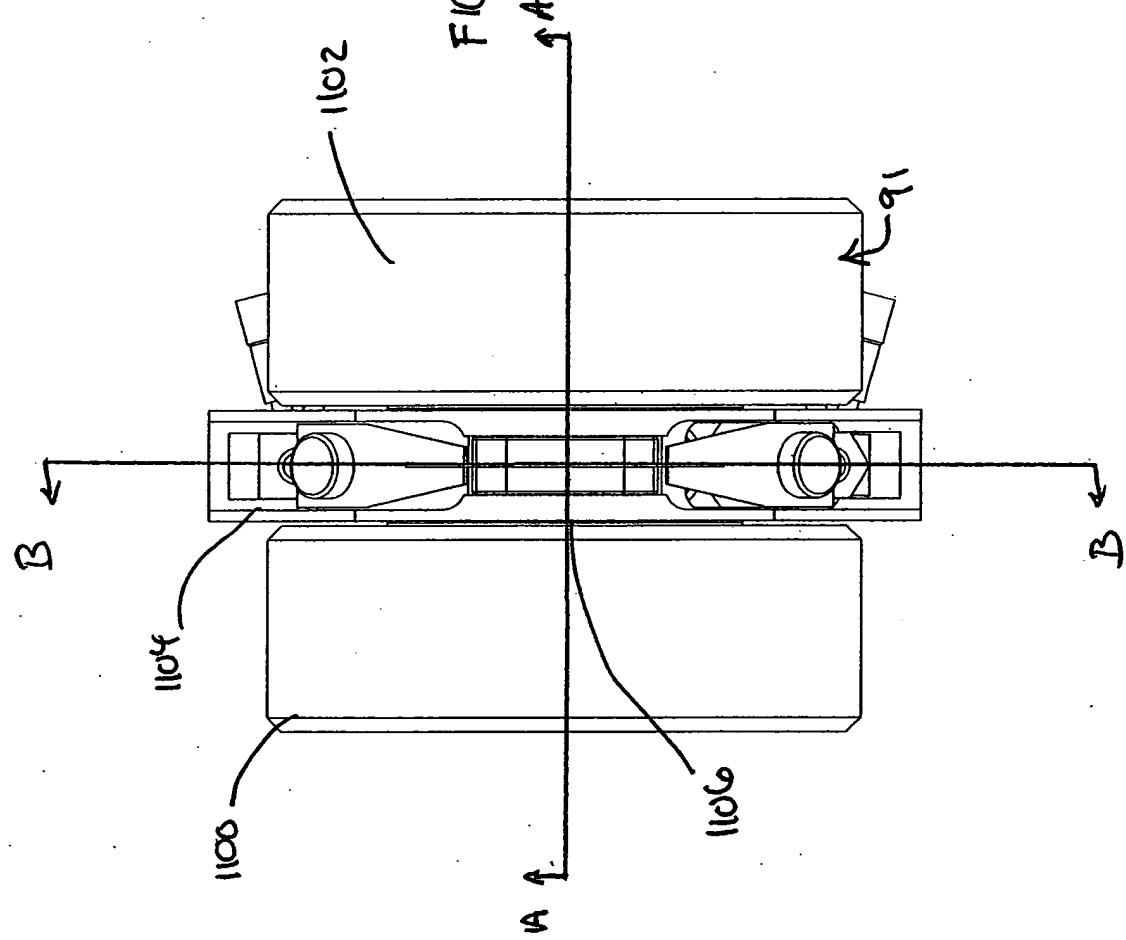


FIG. 148



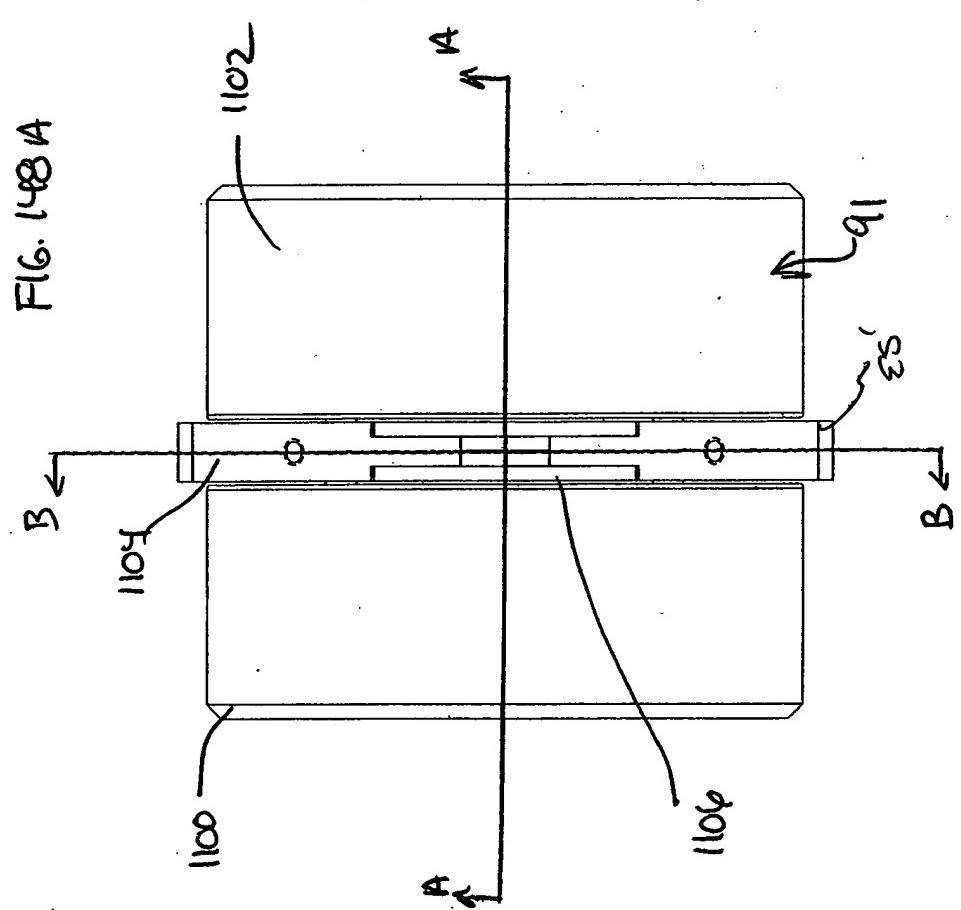


FIG. 184

FIG. 149

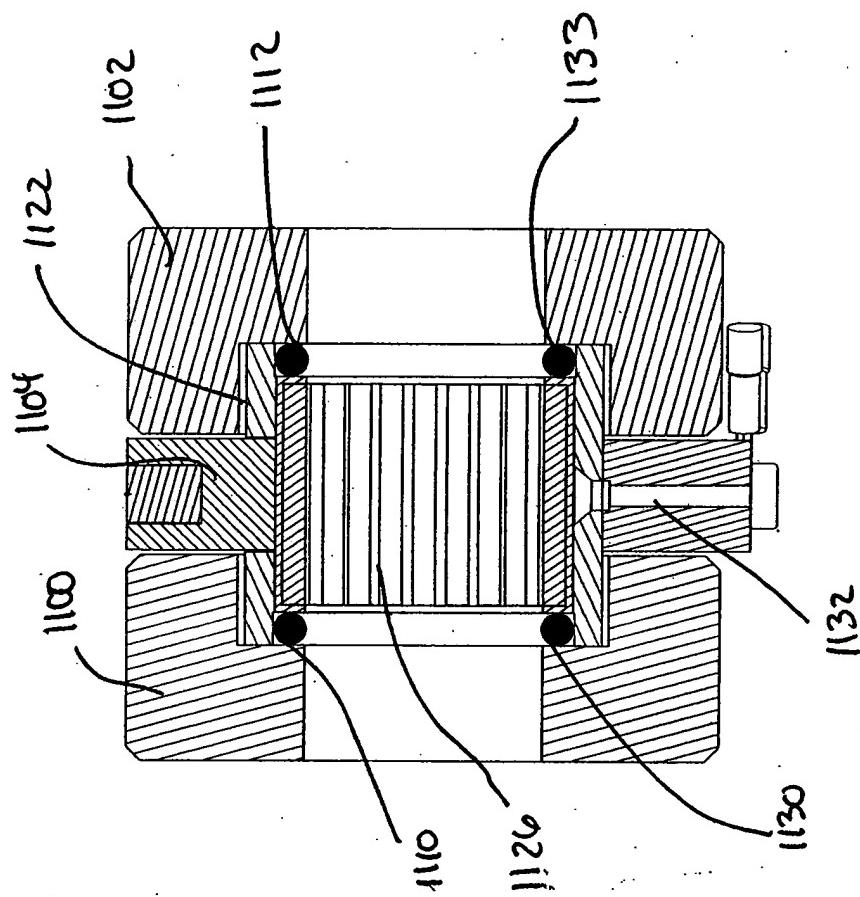


FIG. 149A

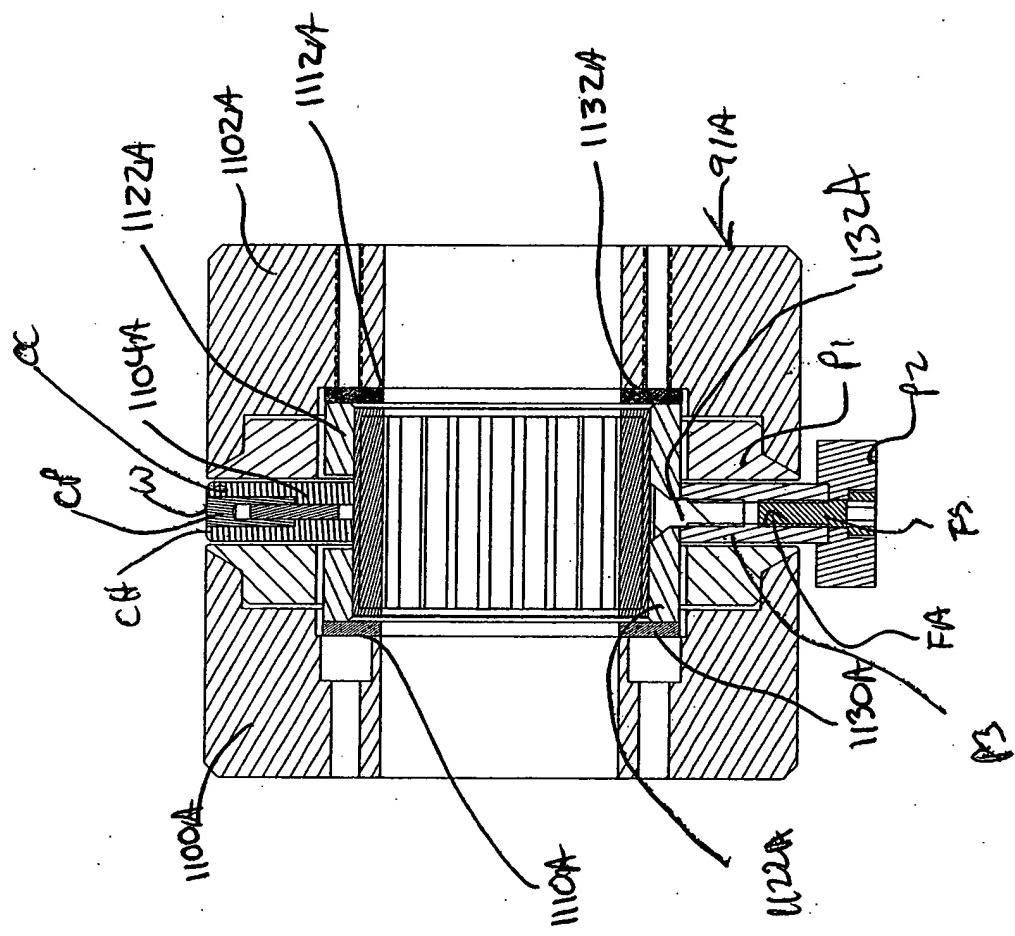


FIG. 150

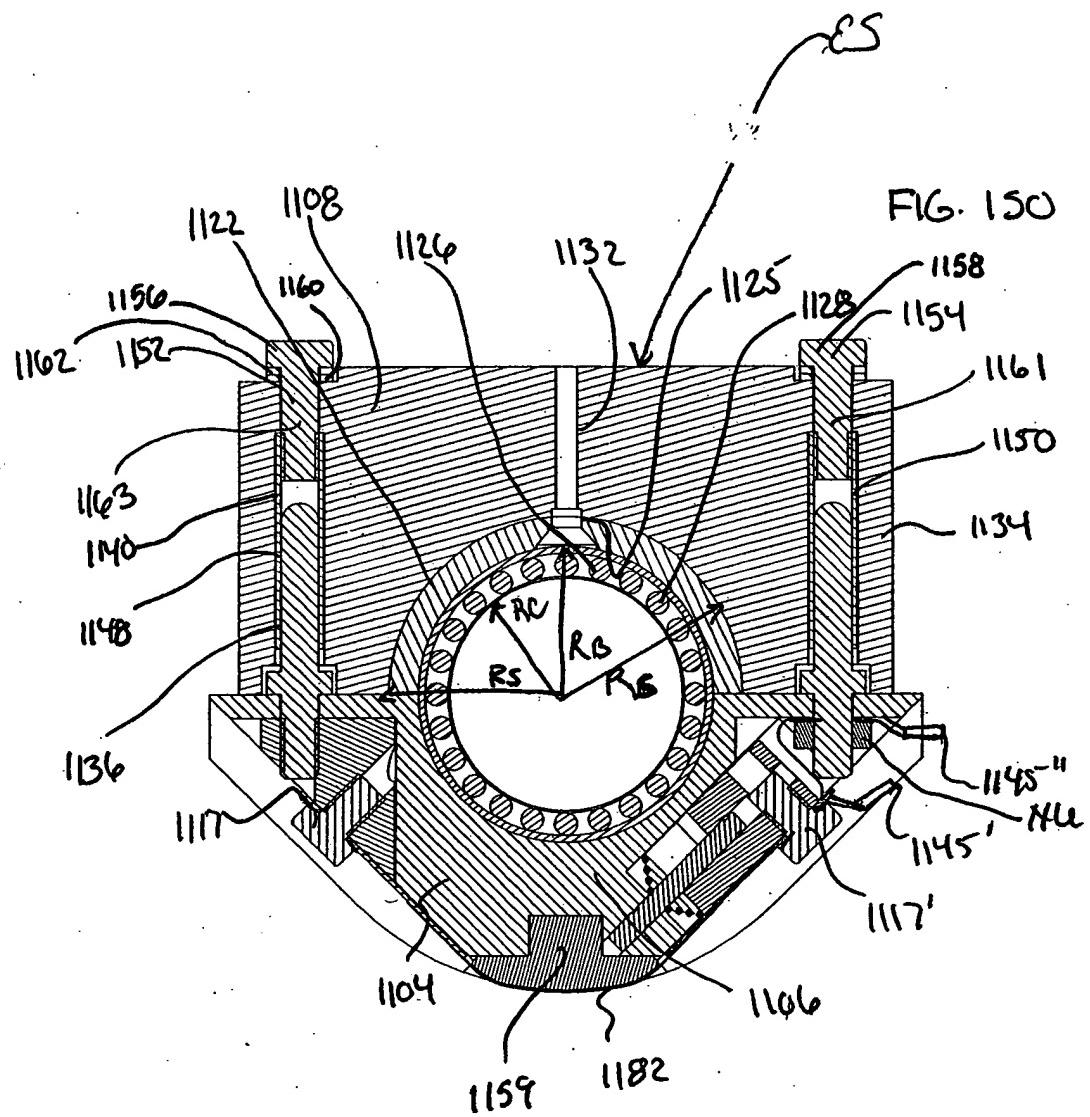


FIG. 1504

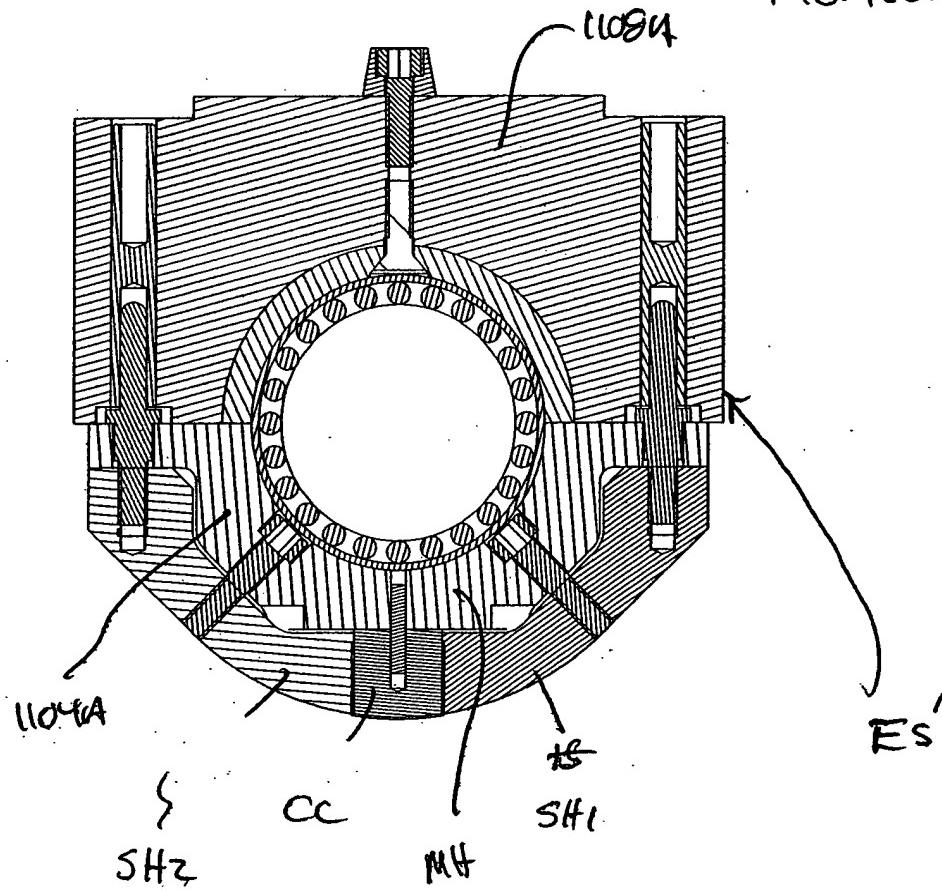


FIG. 151

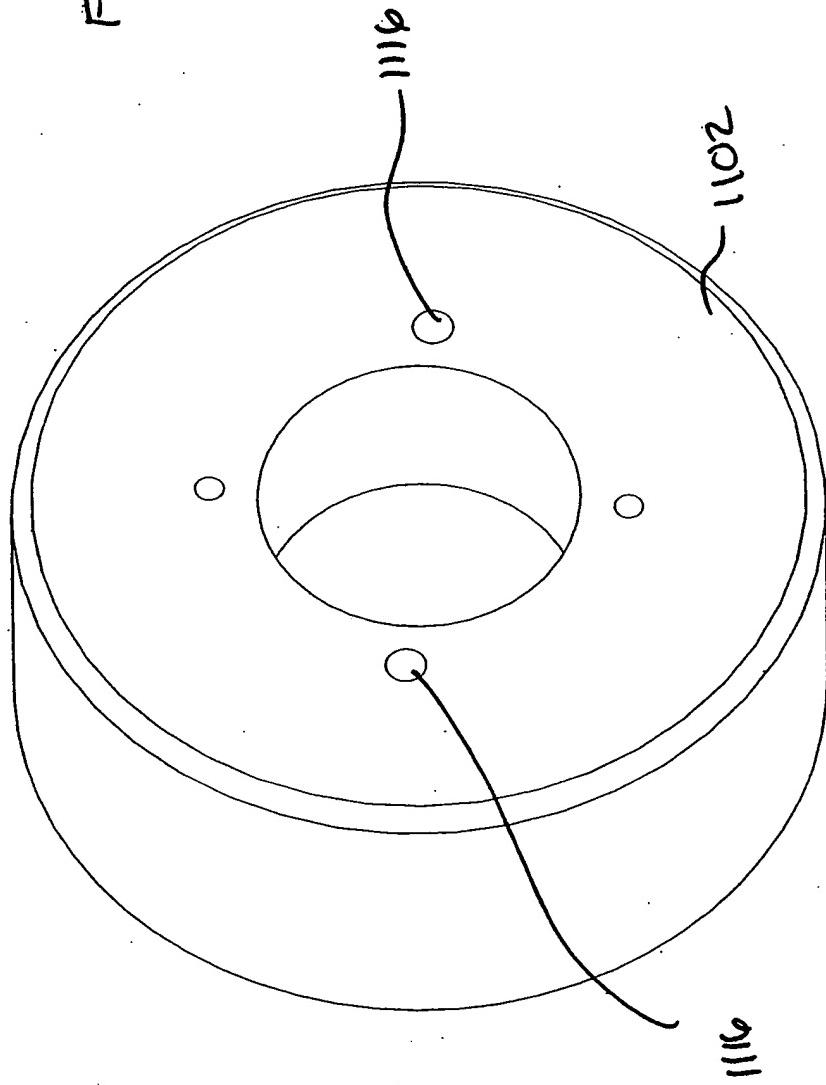
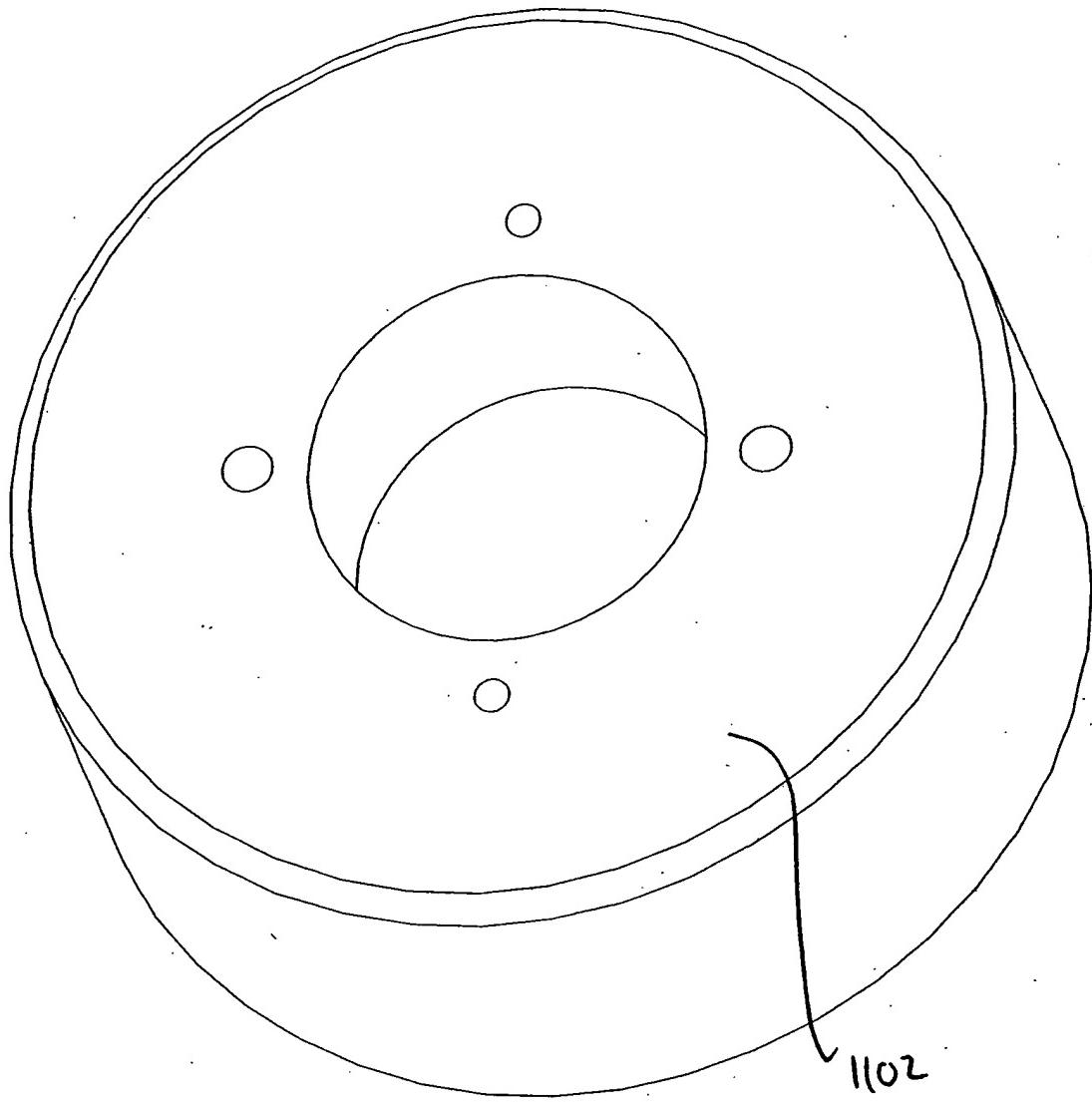


FIG. 151A



1102

FIG. 152

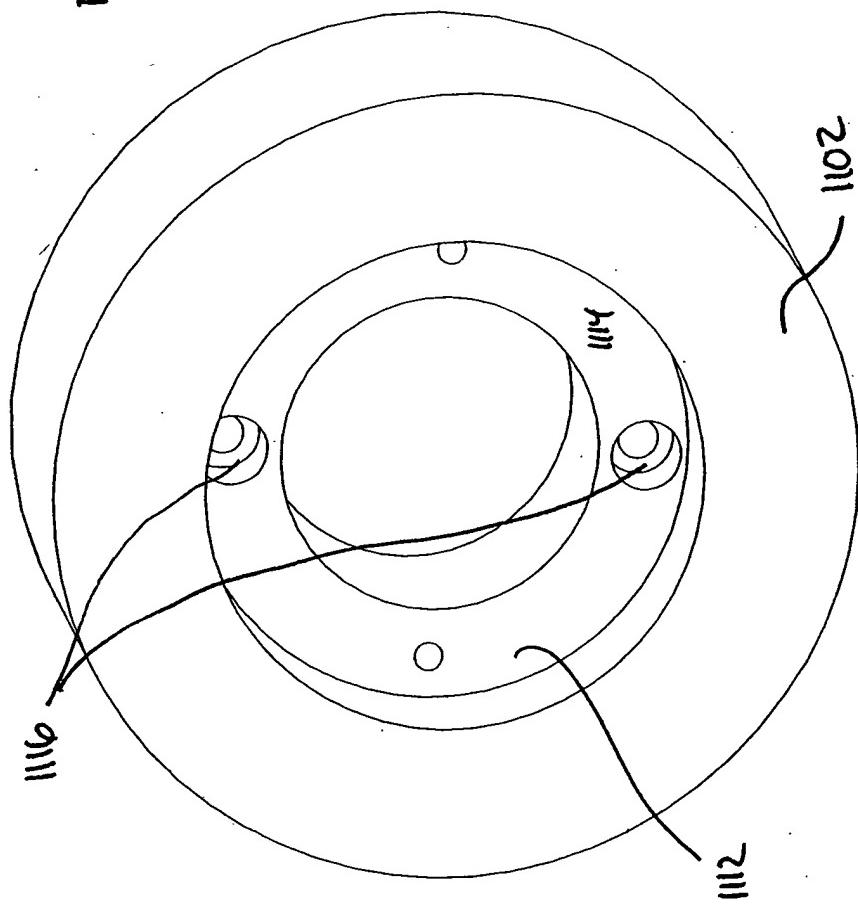
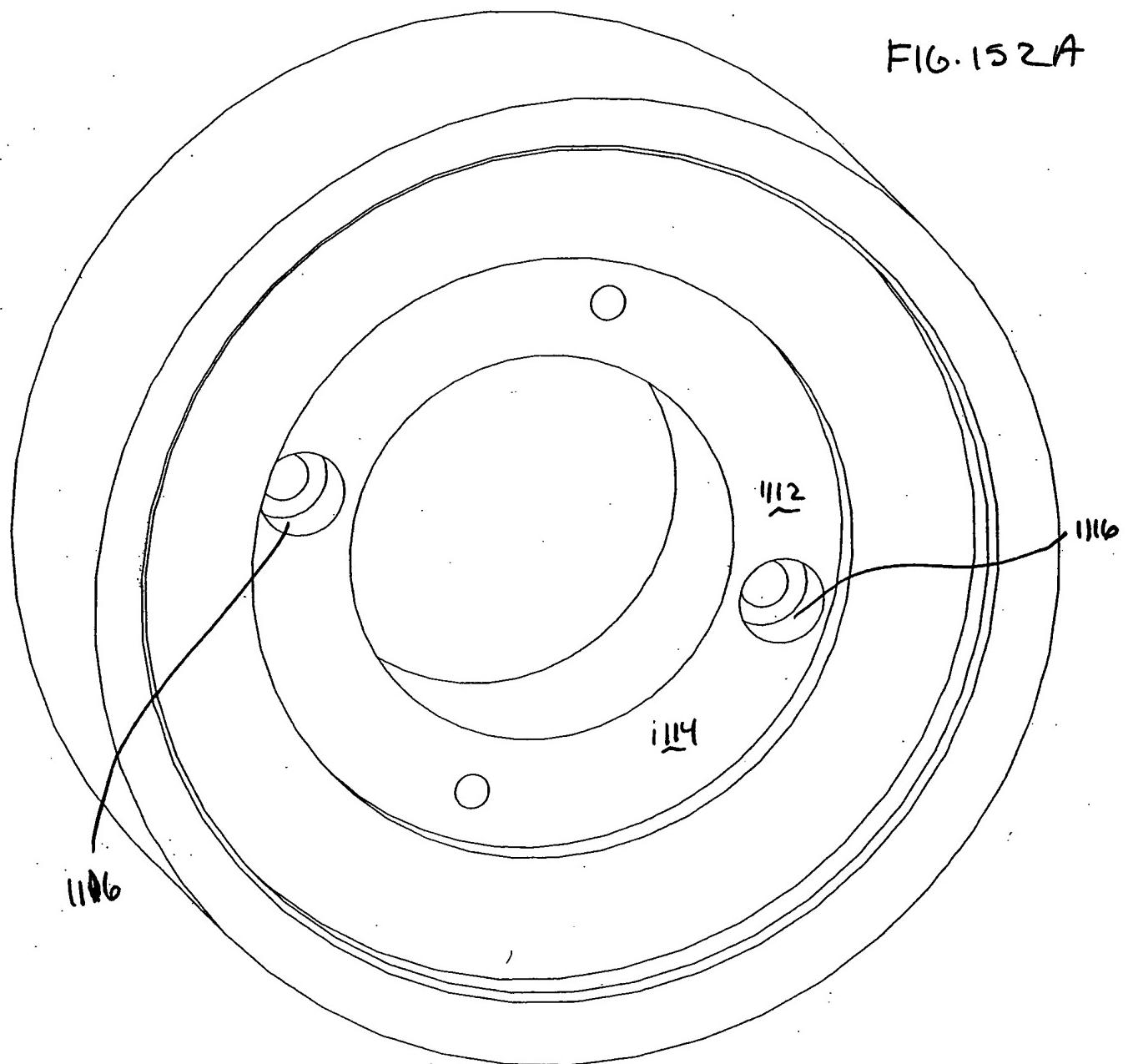


FIG. 152A



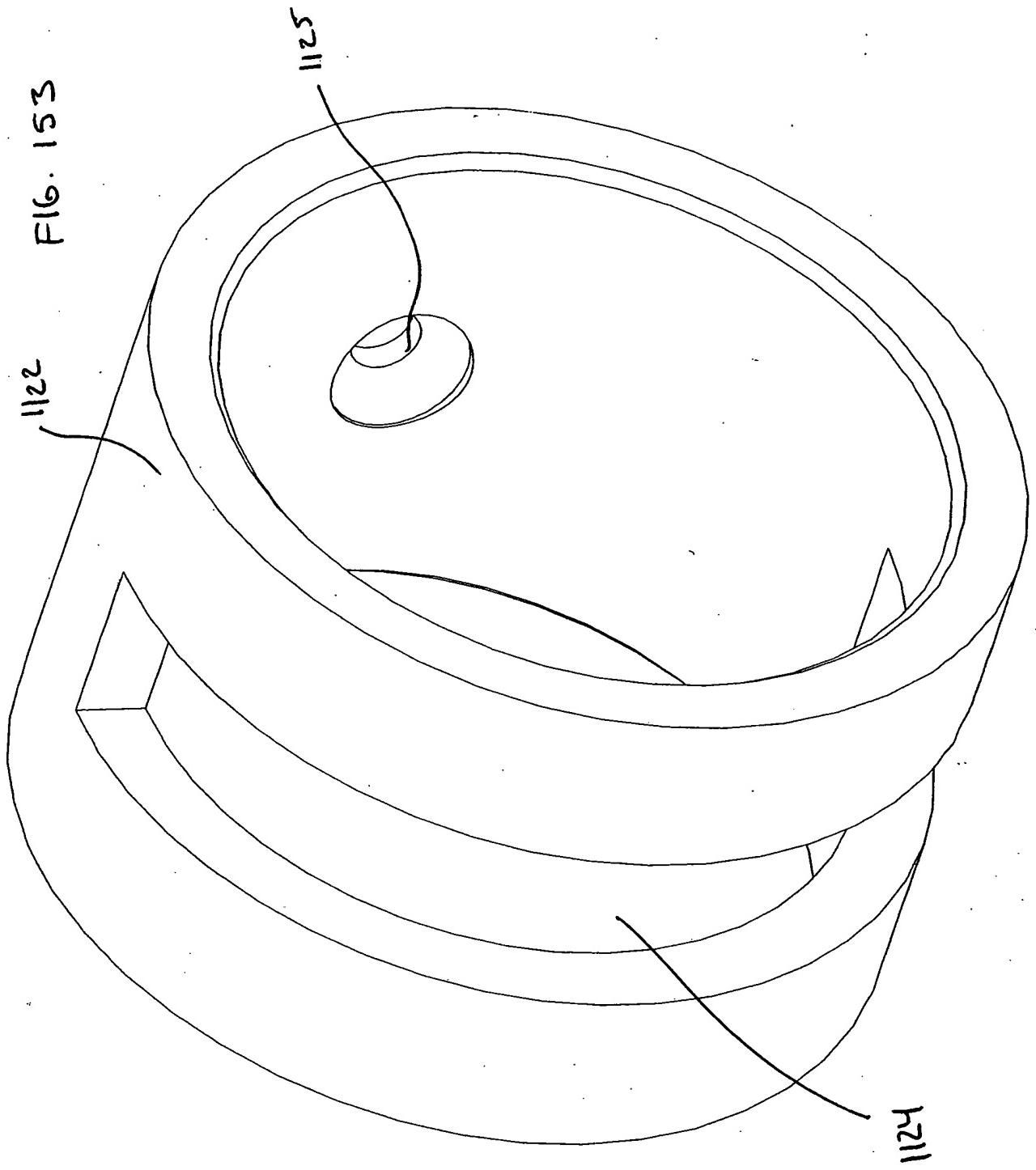


FIG. 154

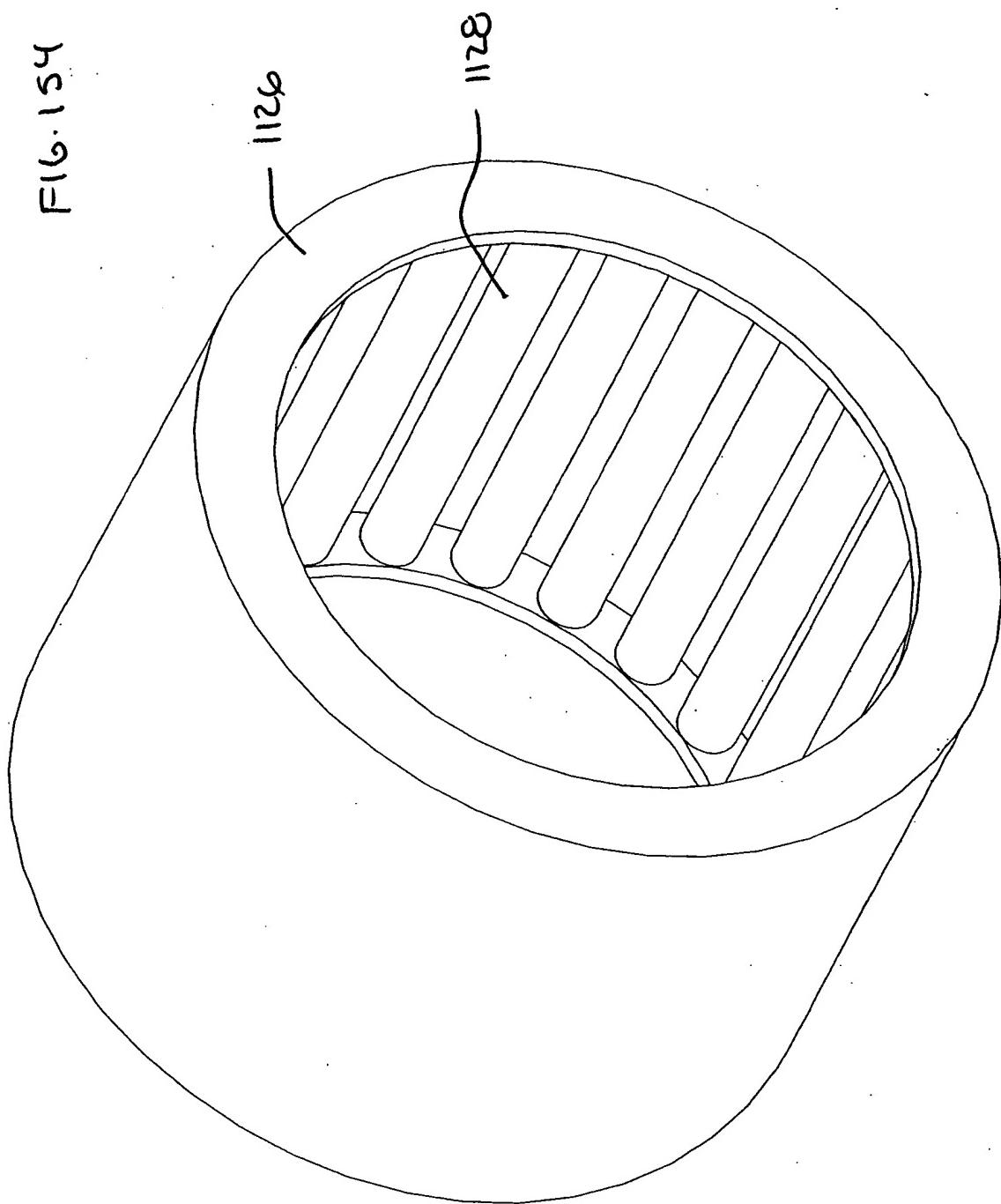


FIG. 155

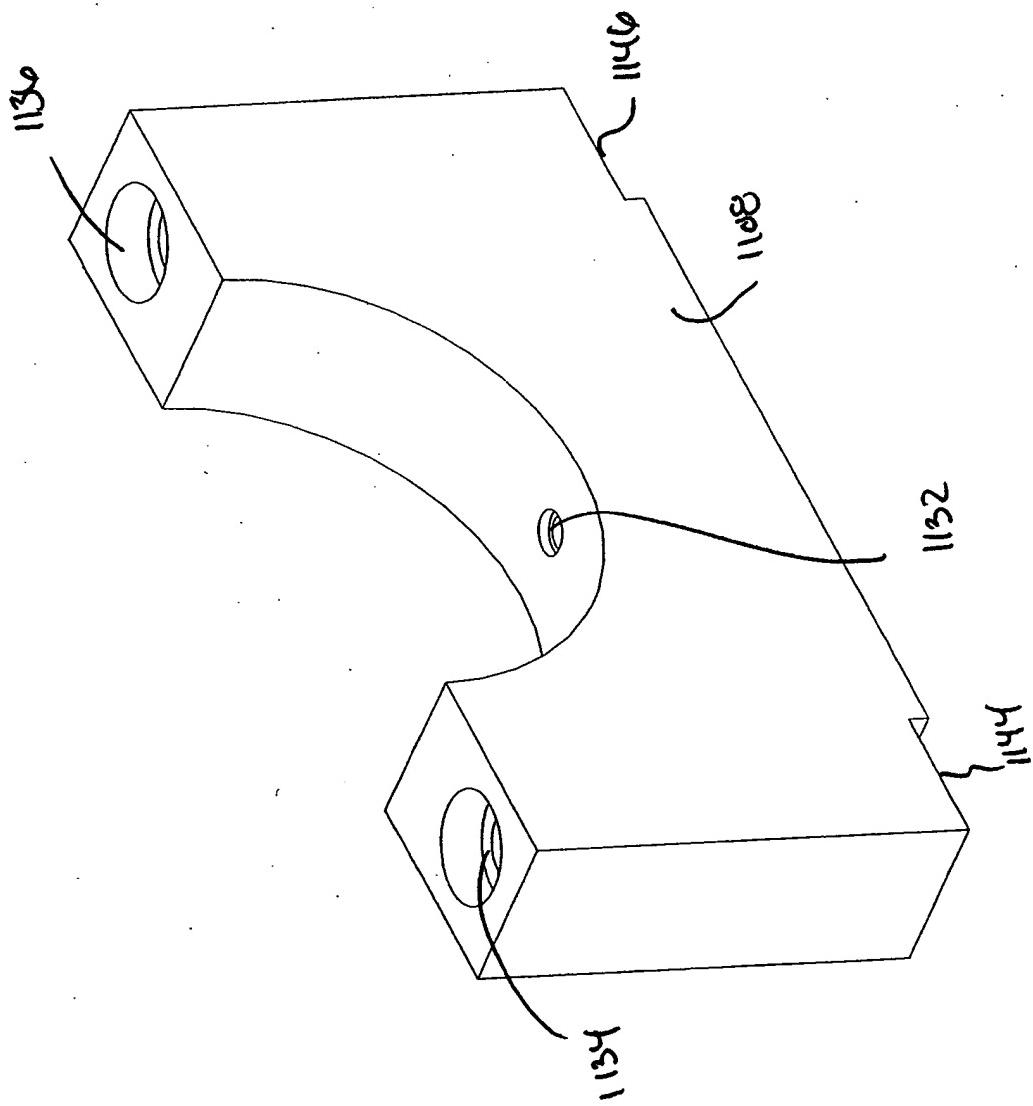


FIG. 155A

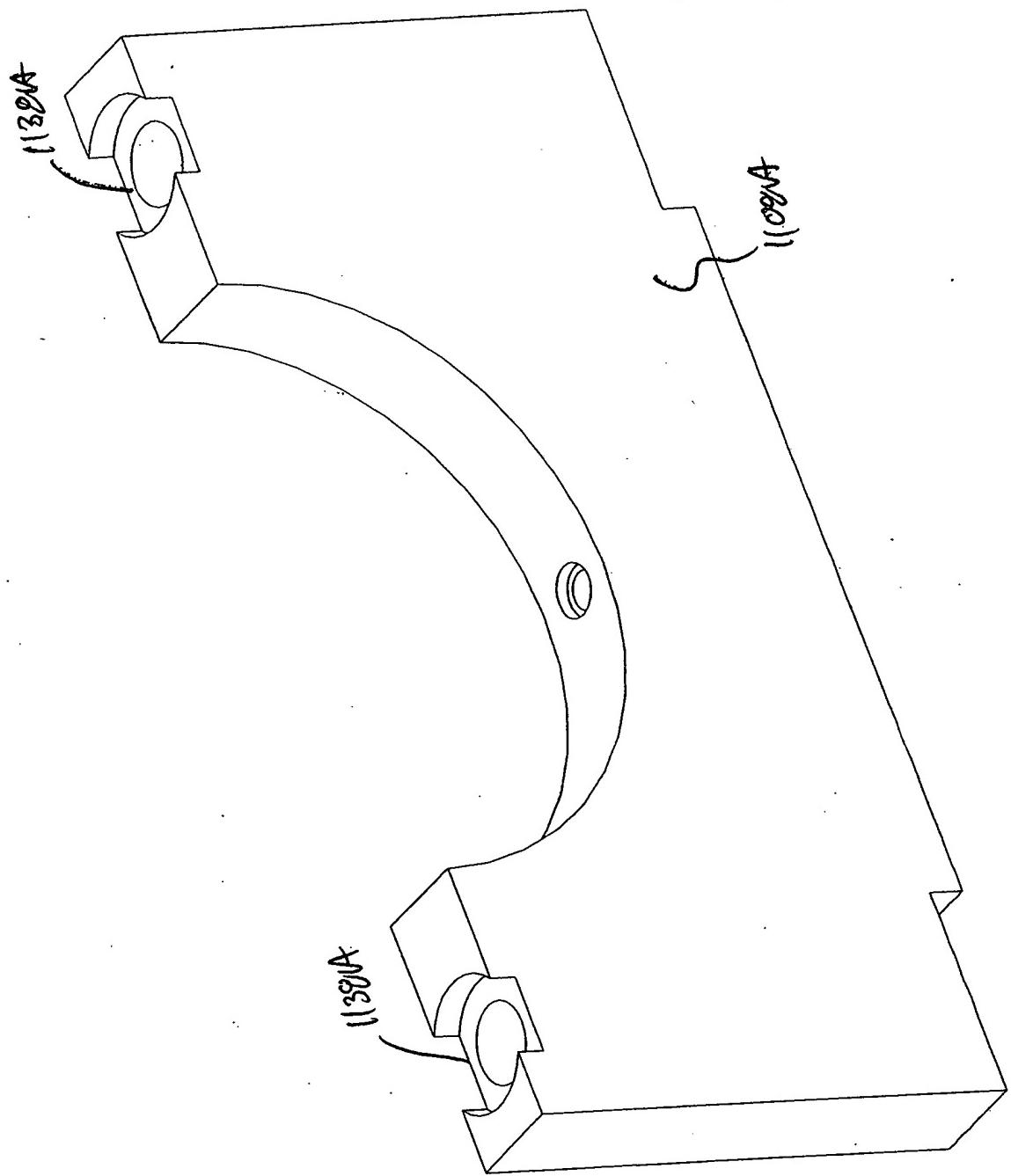


FIG. 15C

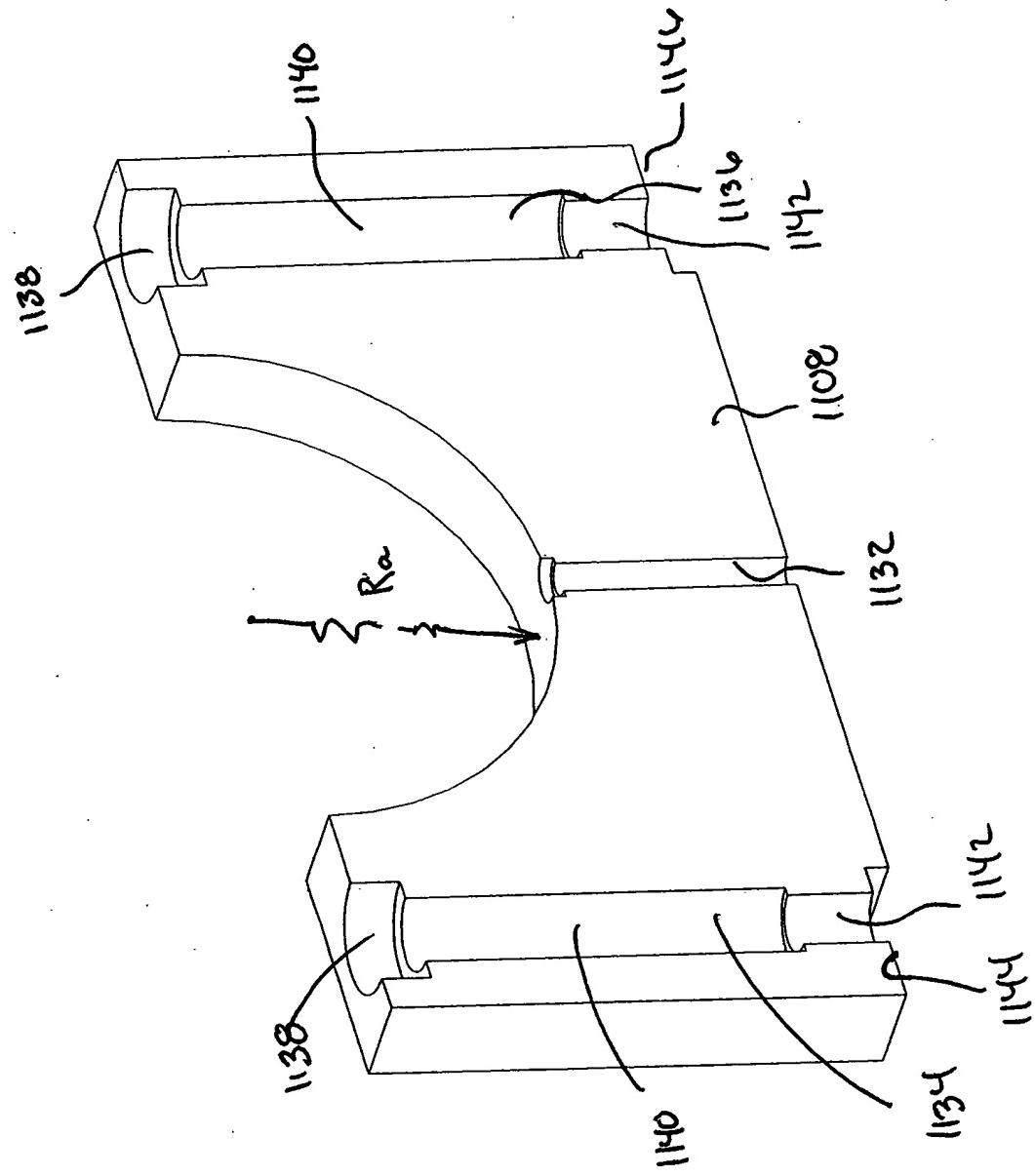
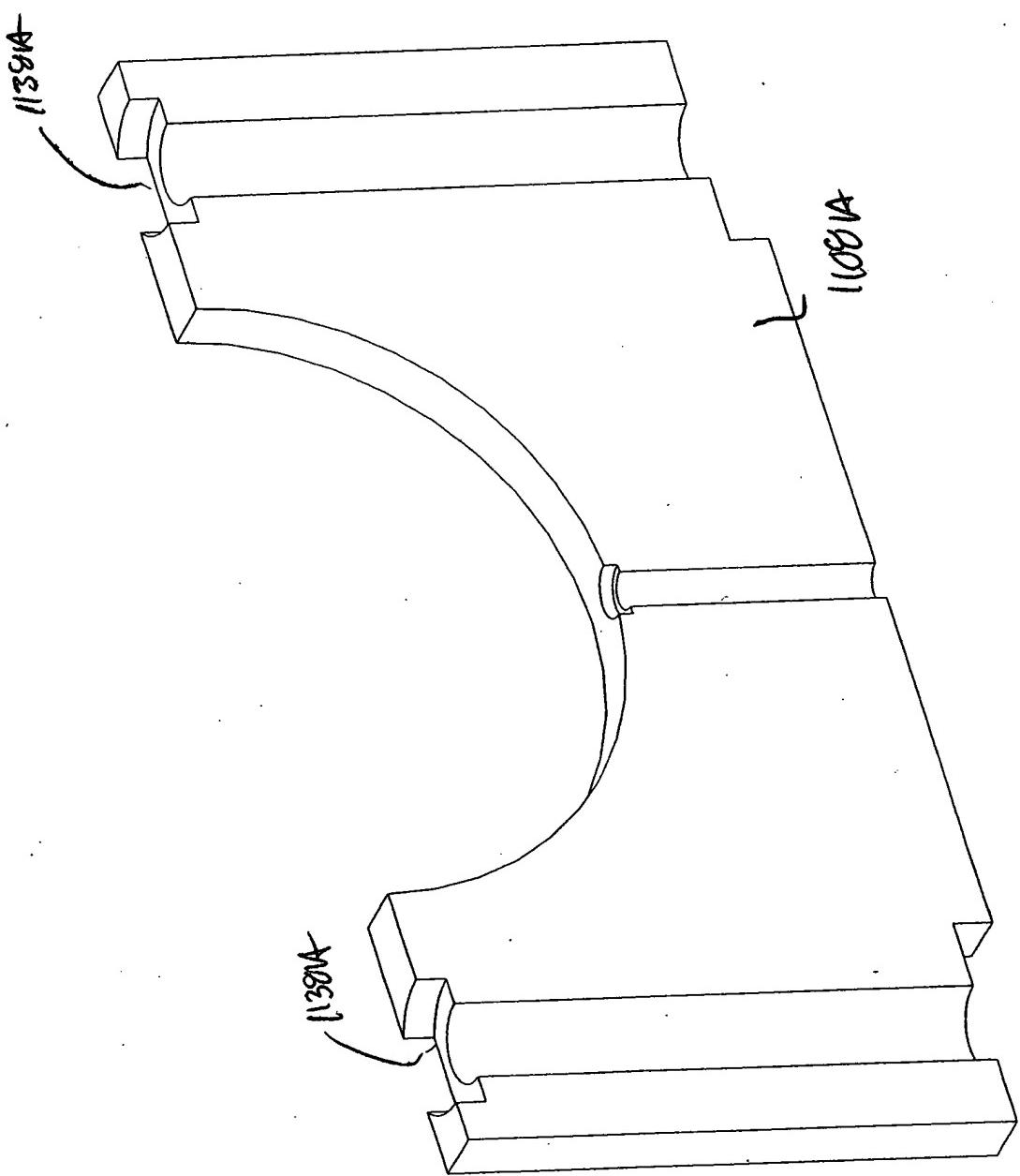


FIG. 156A



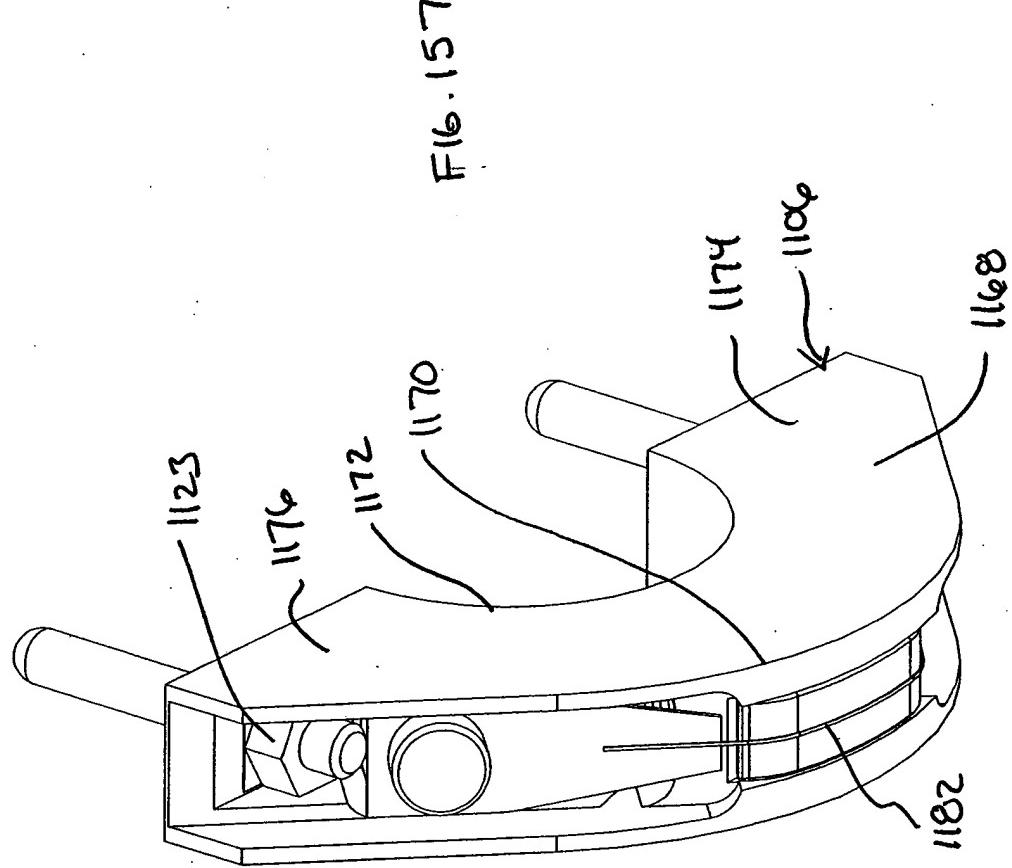


FIG. 157A

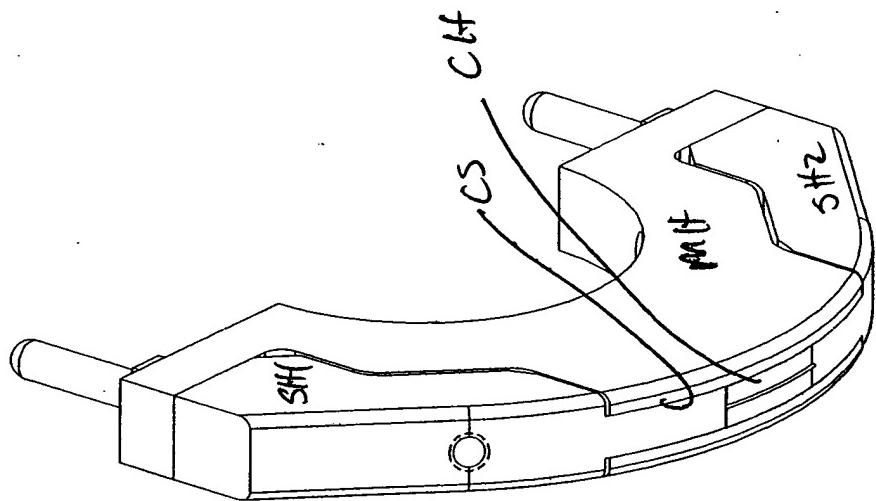


FIG. 158

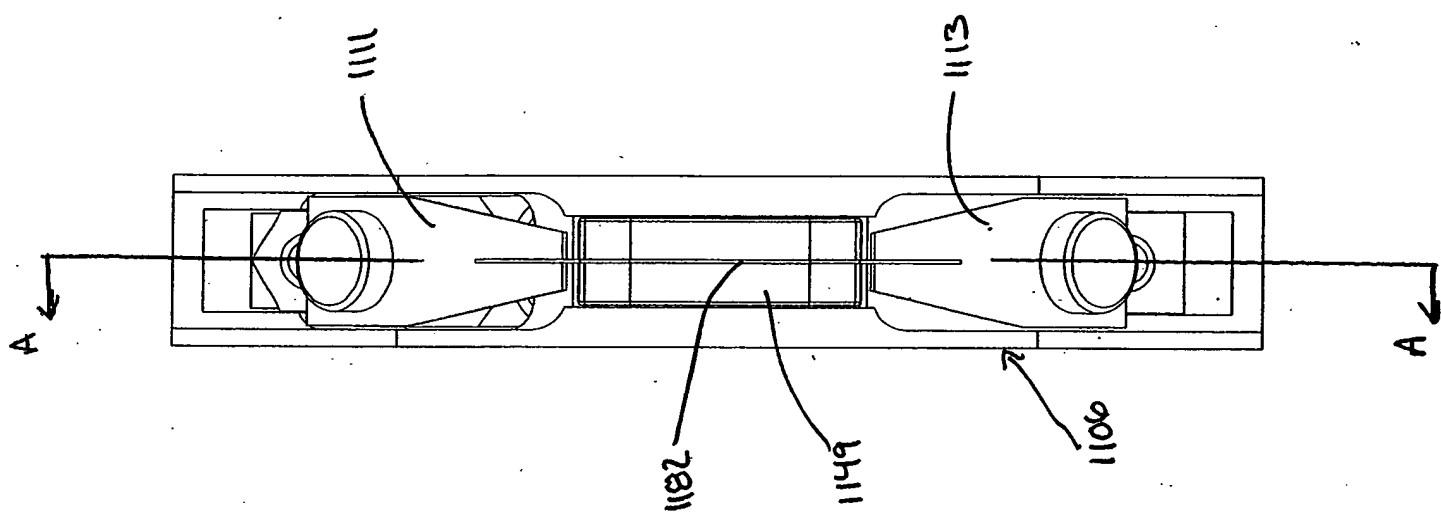


Fig. 158A

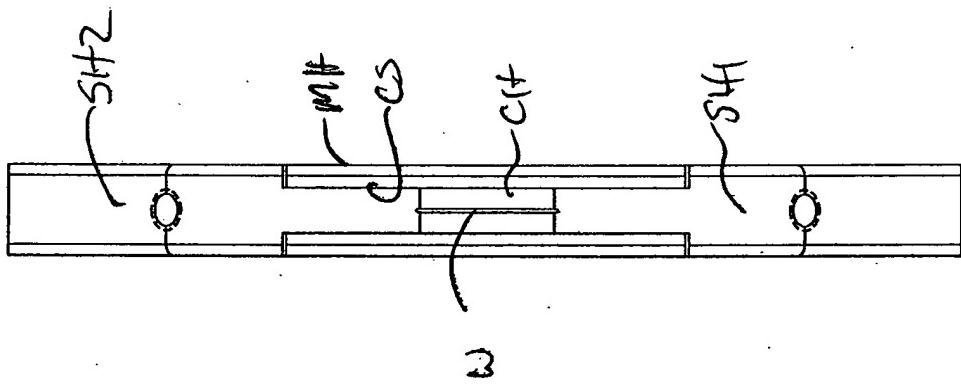
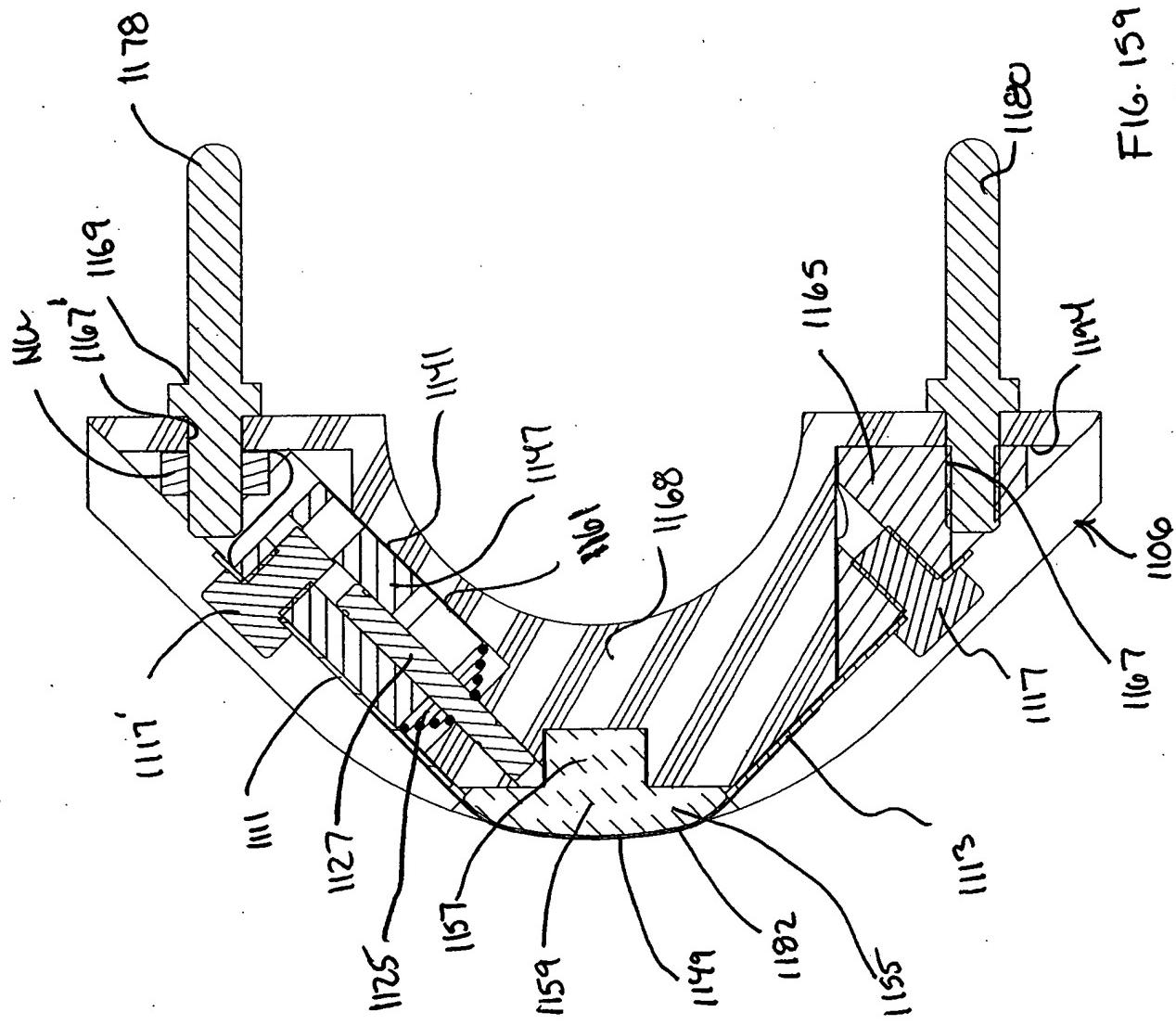


FIG. 159



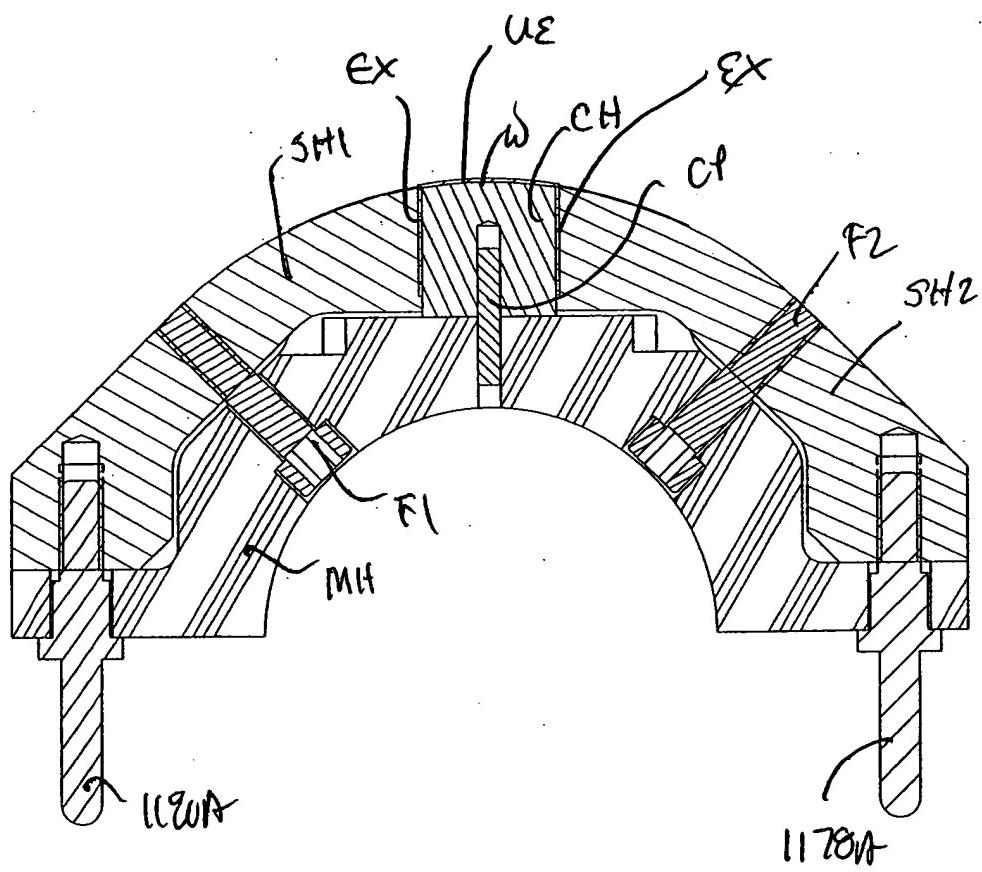


FIG-159A

FIG. 160

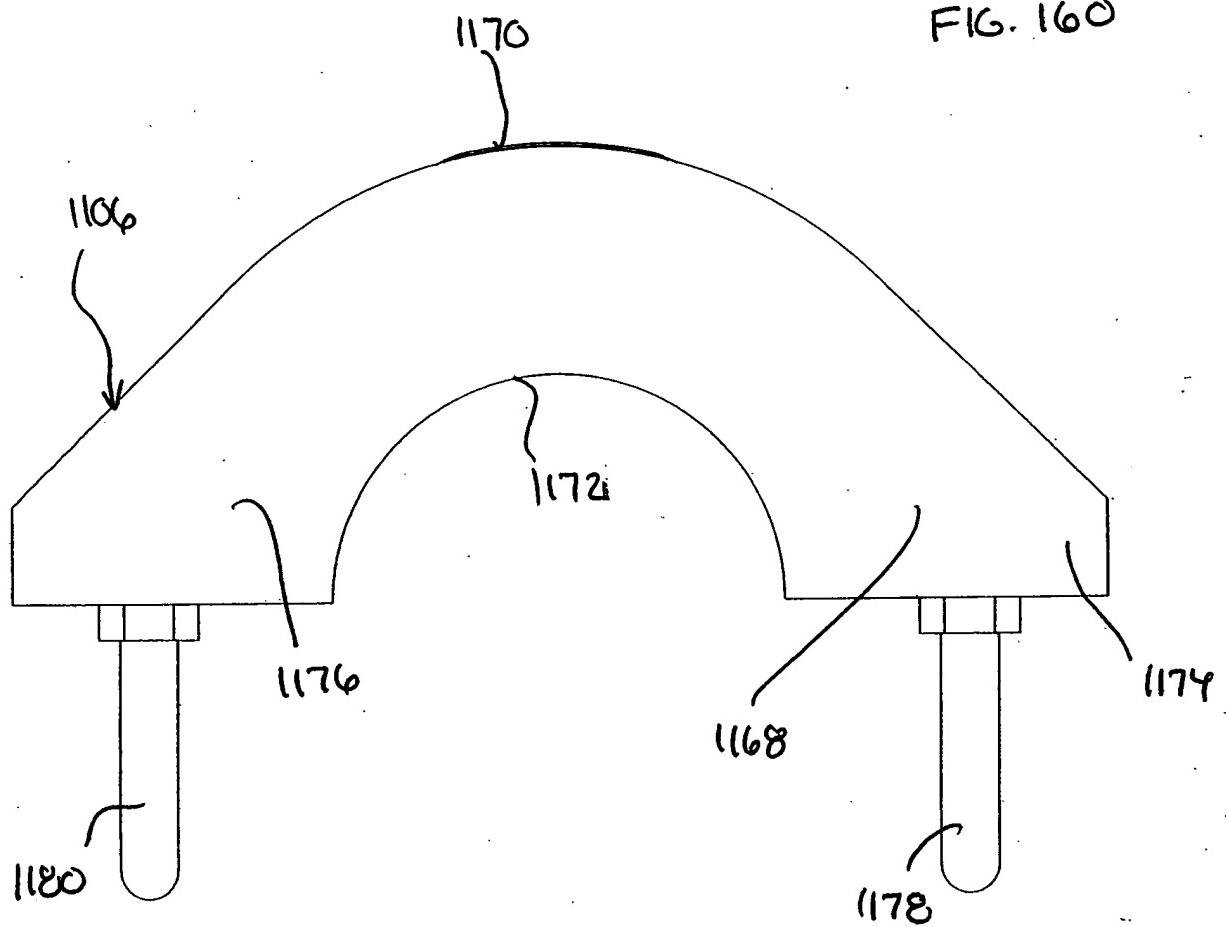


FIG. 160A

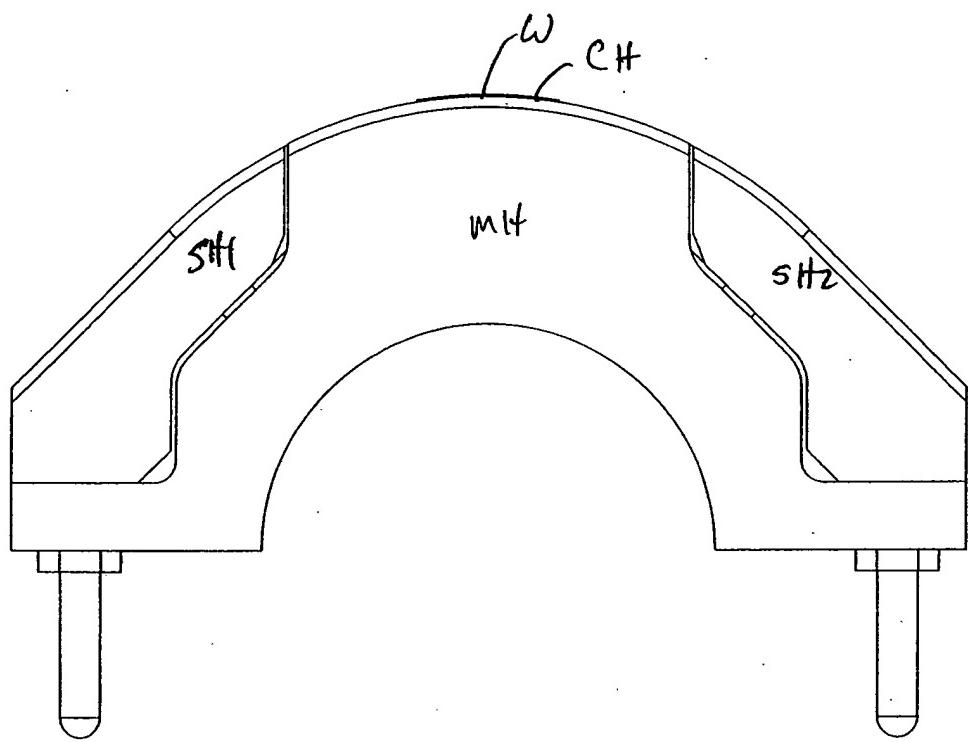


Fig. 16.1

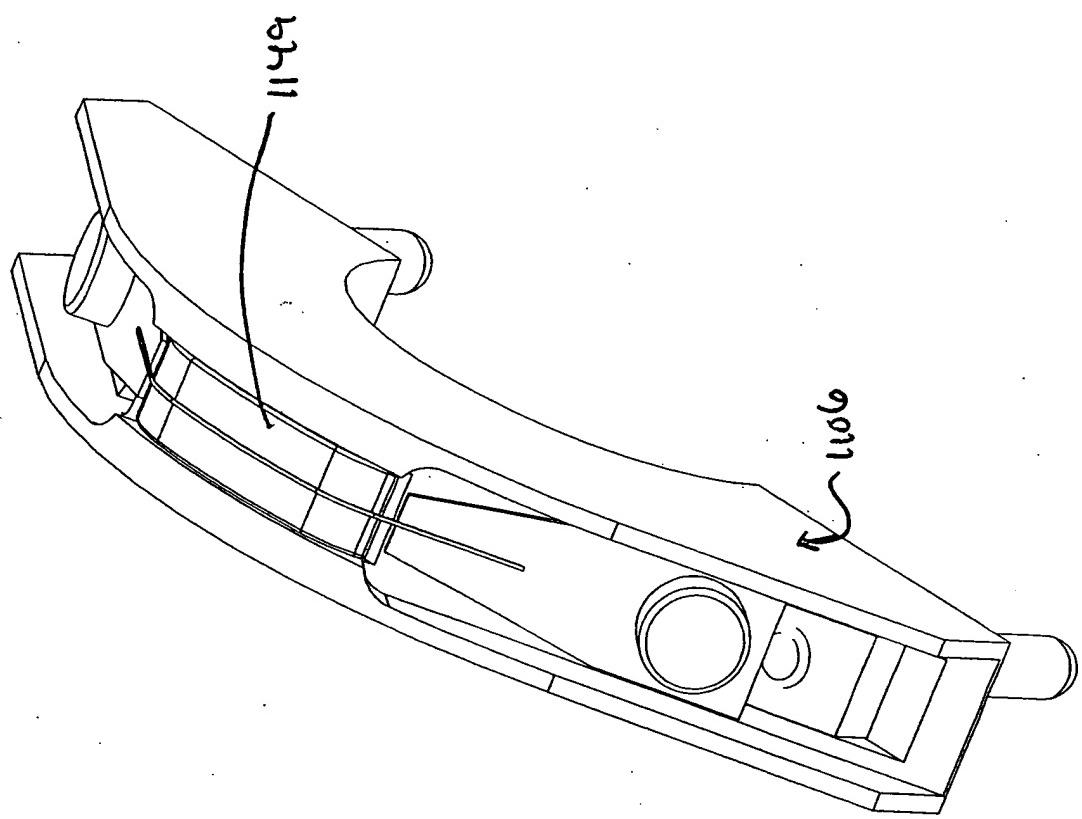


FIG. 161A

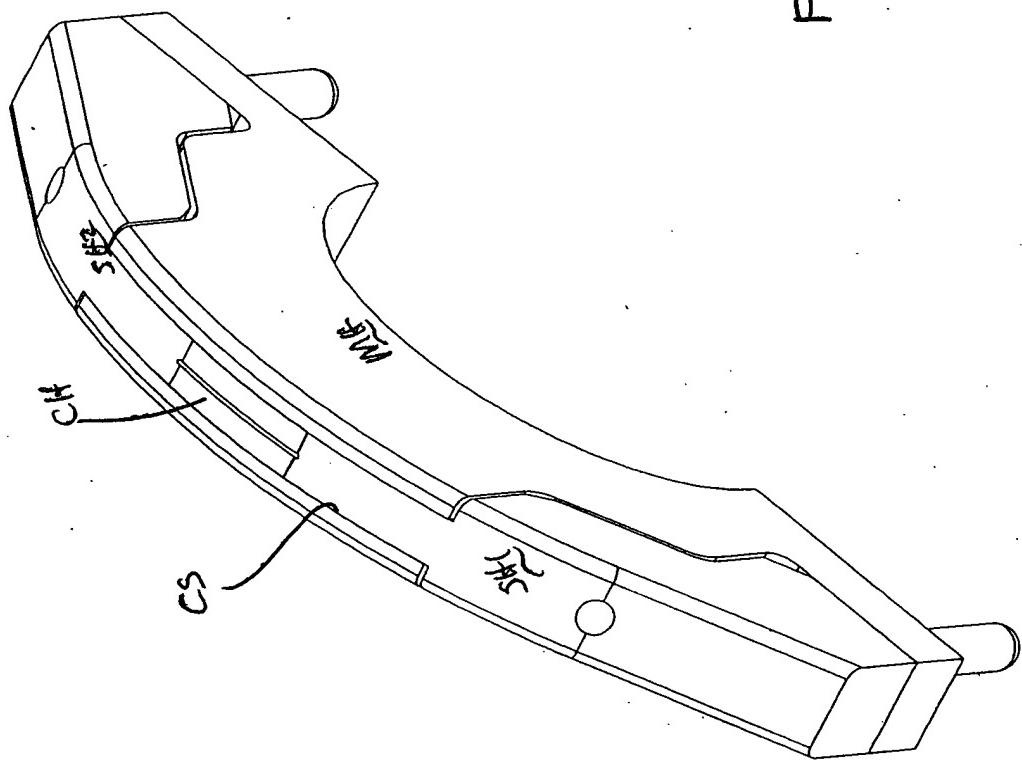


FIG. 1162

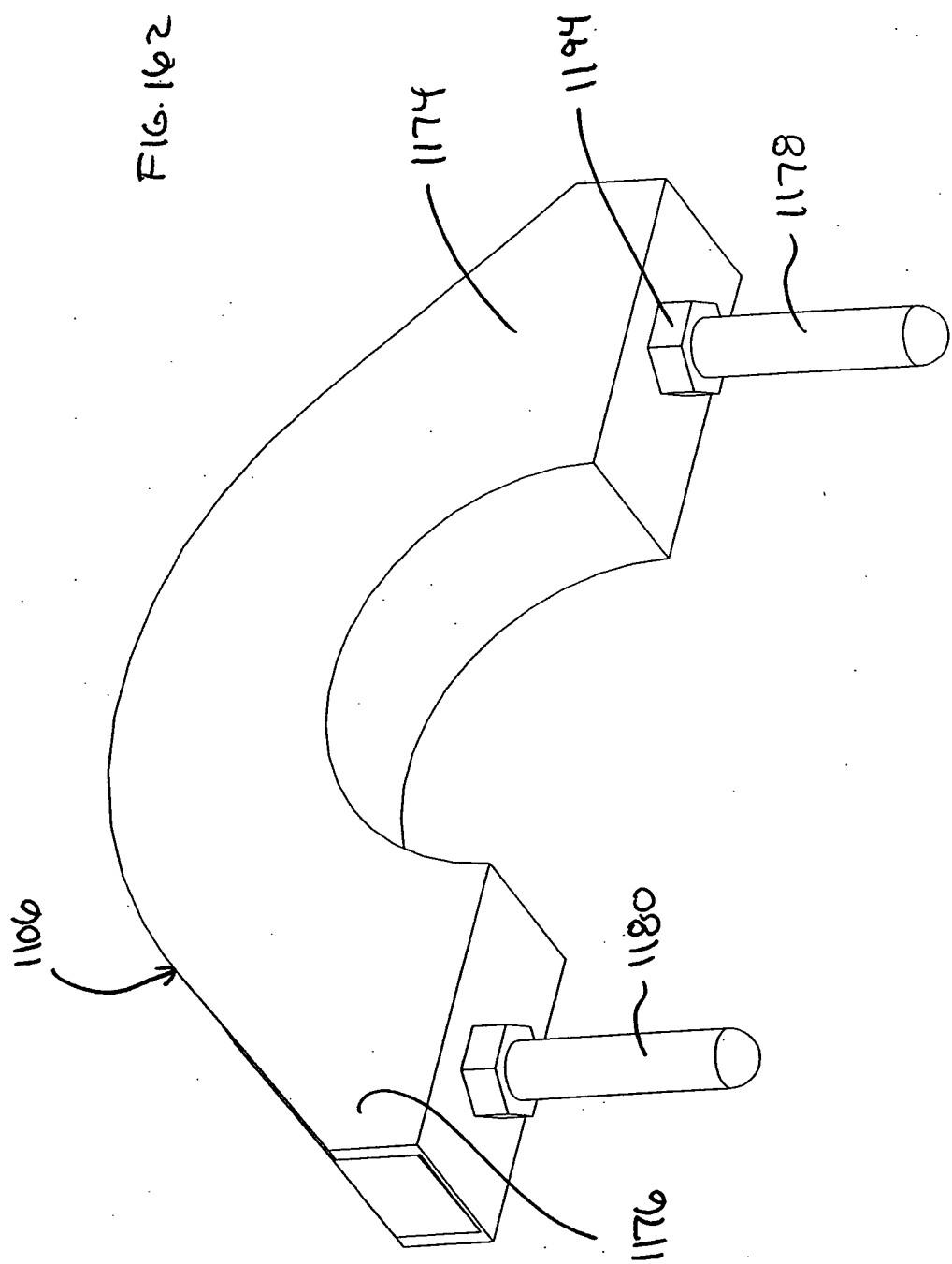


FIG. 162A

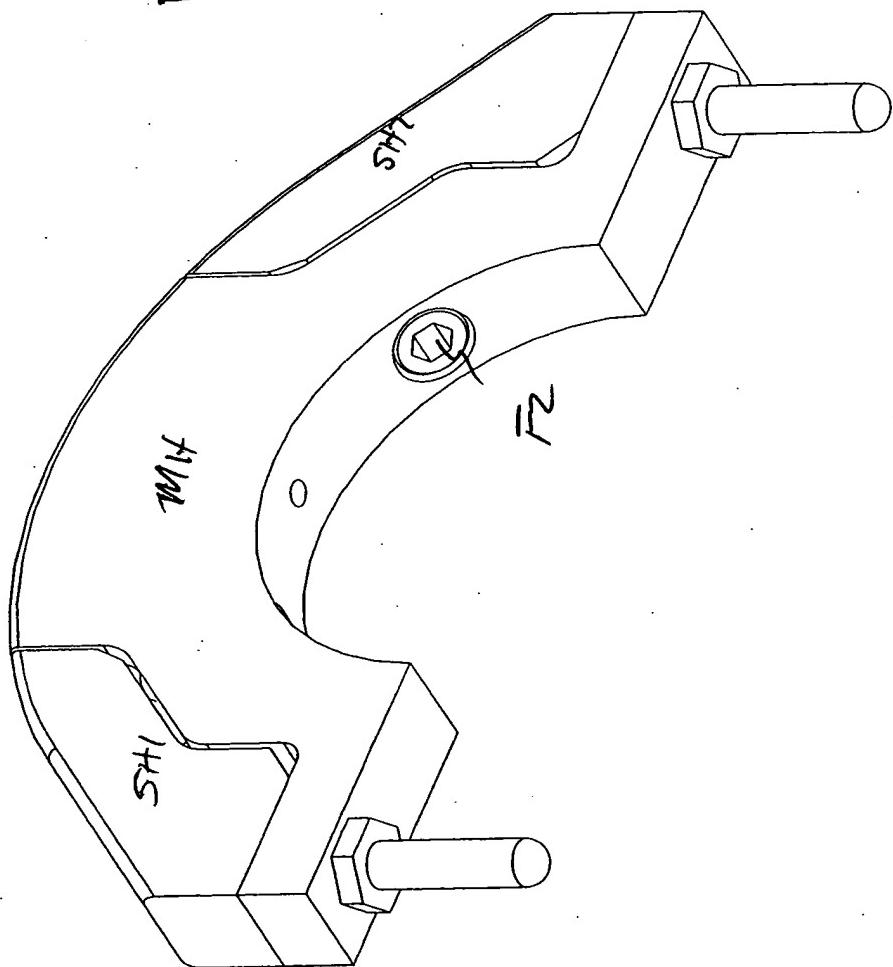


Fig. 162

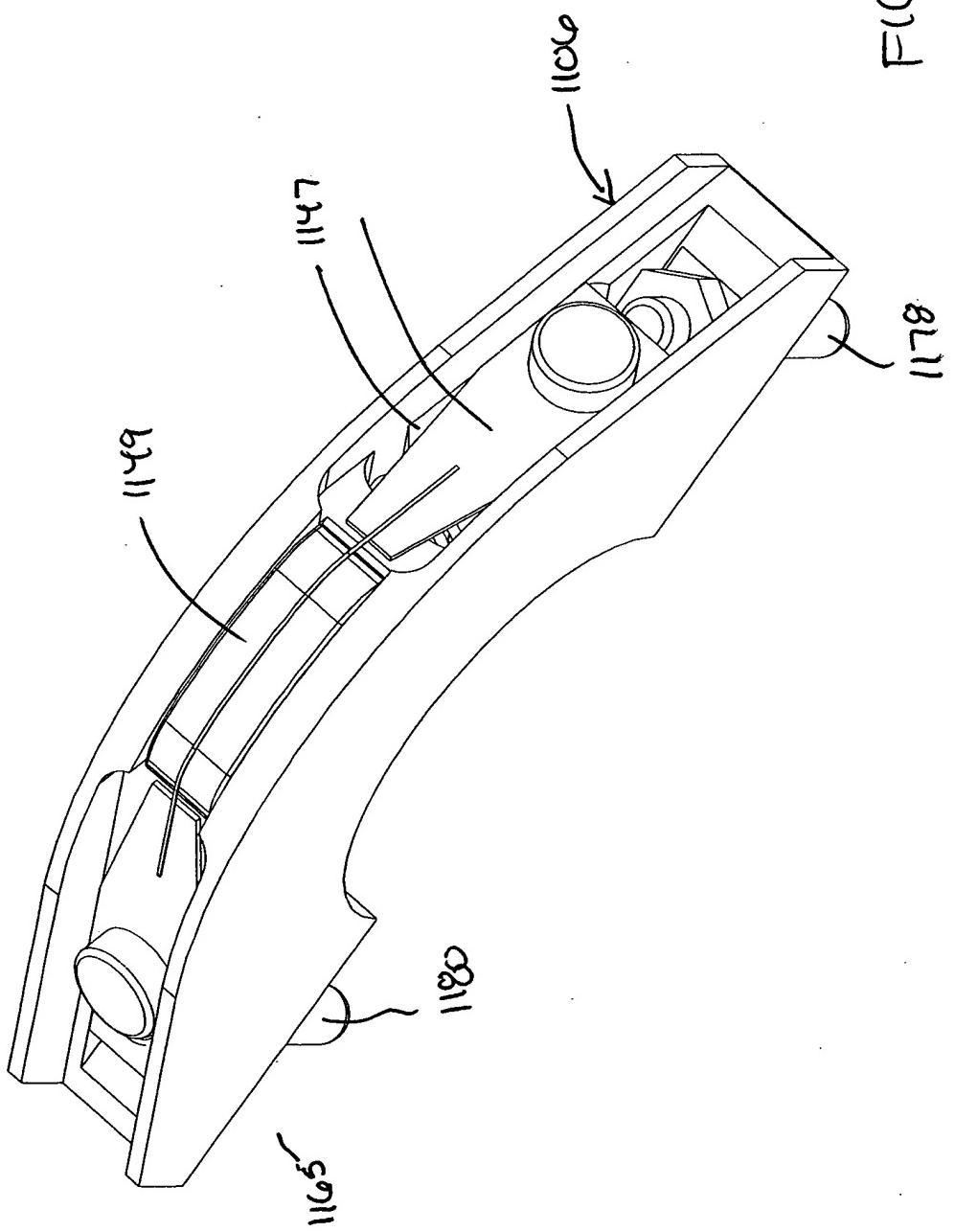
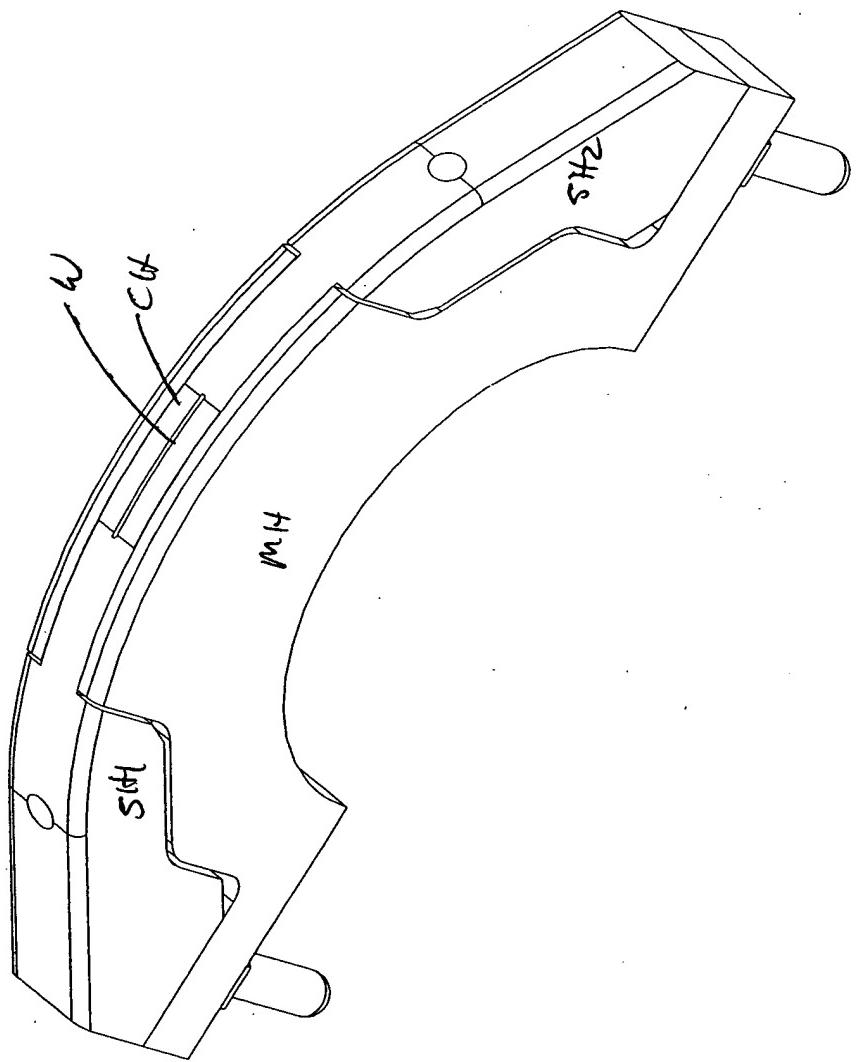
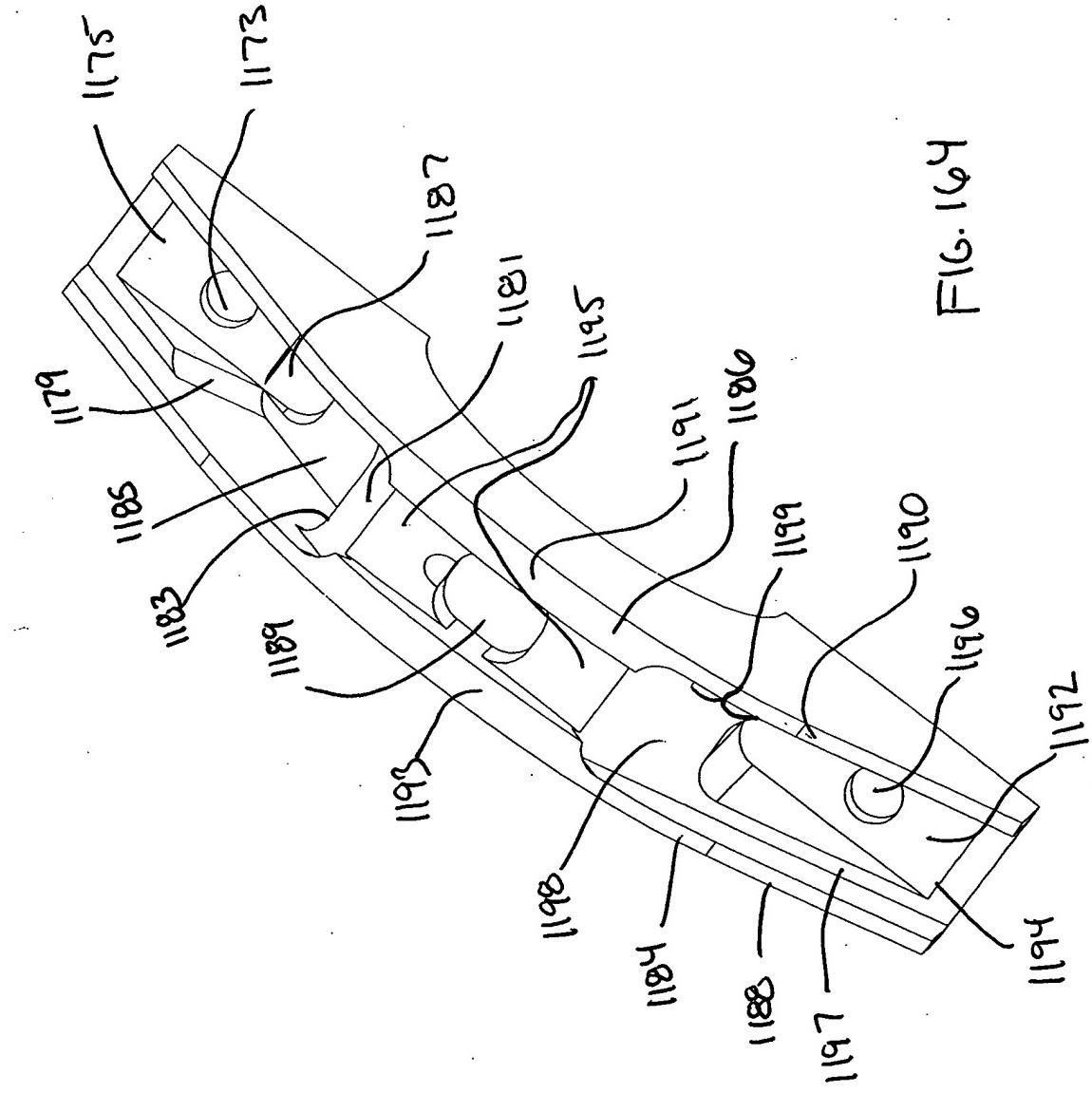


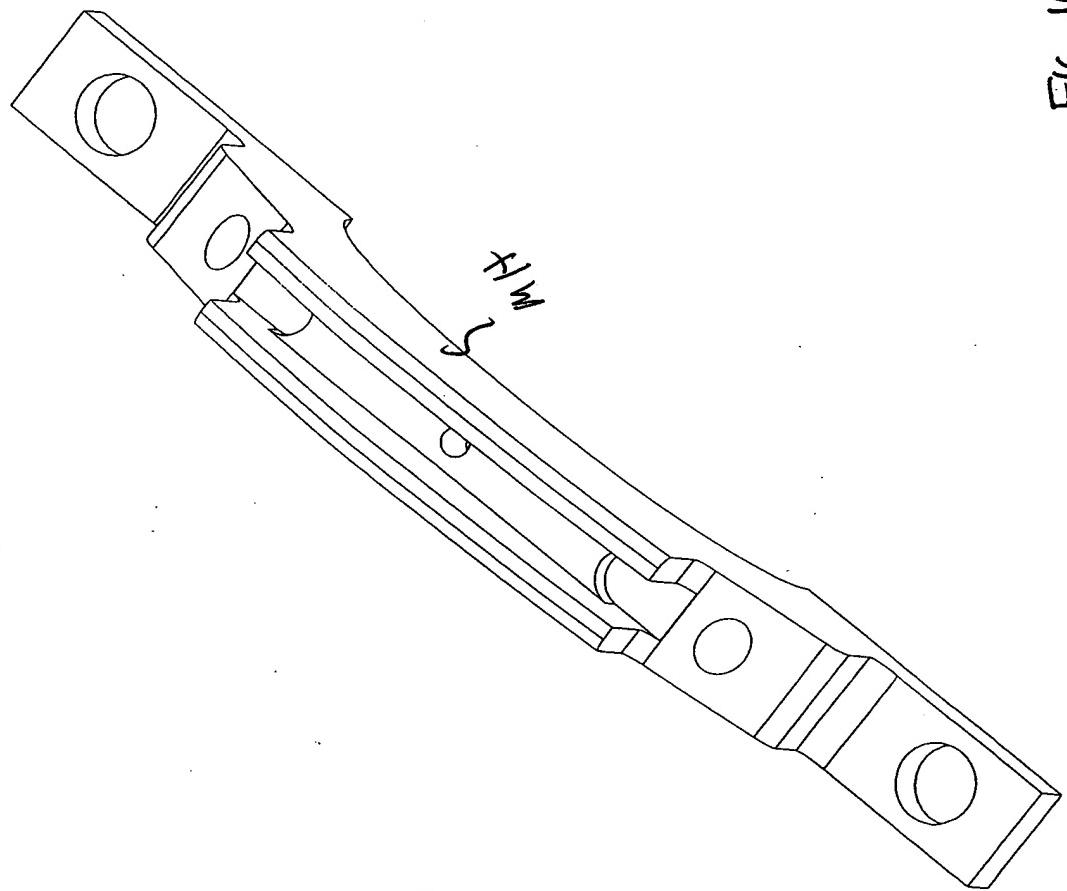
Fig. 163A





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Fig. 164A



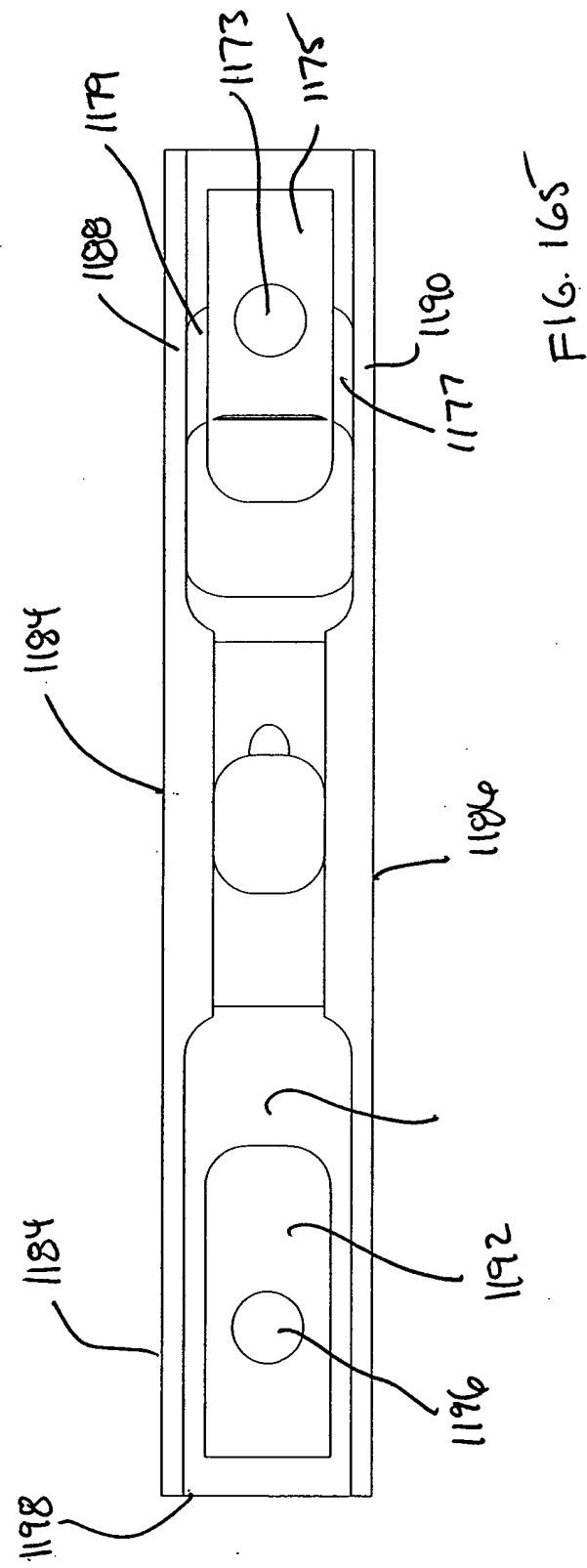


FIG. 165

Fig. 1e5A

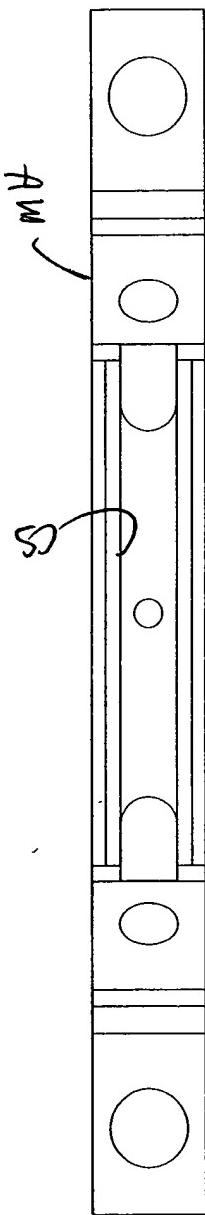


Fig. 166

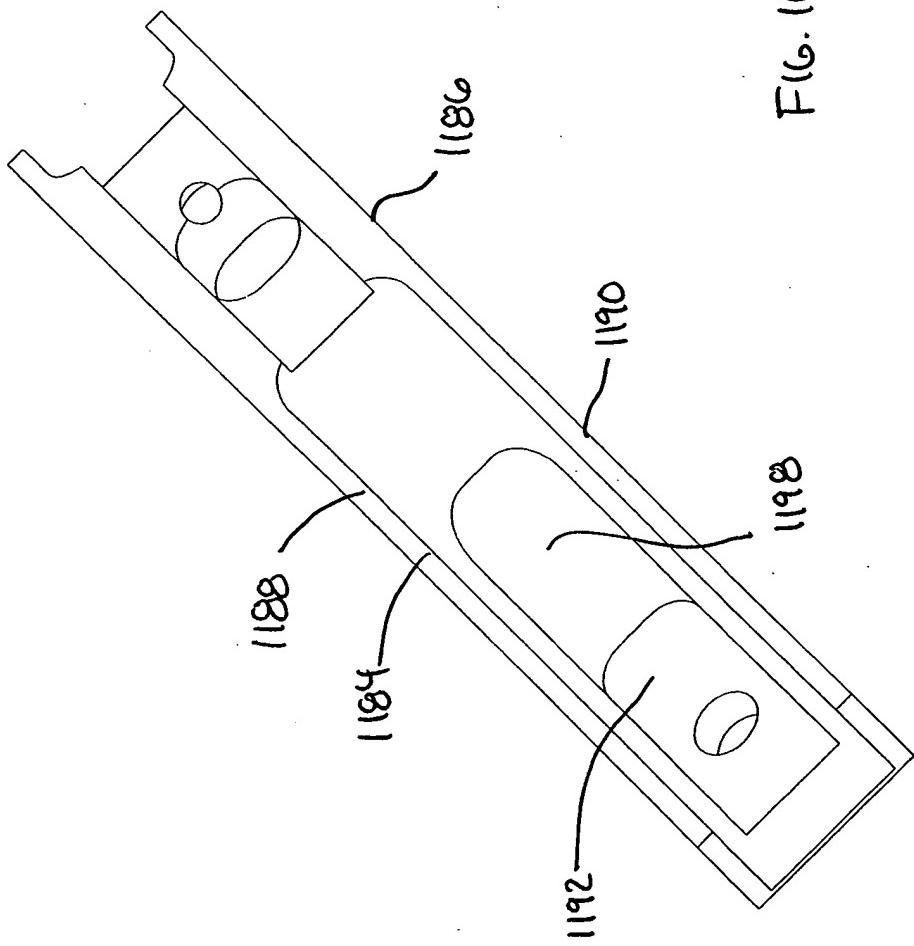


FIG. 166A

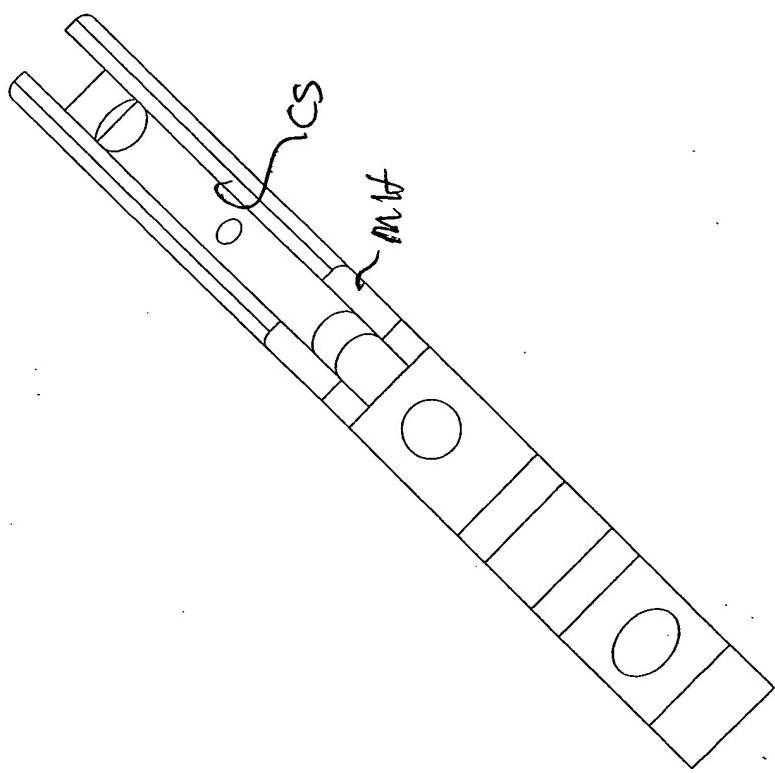


FIG. 167

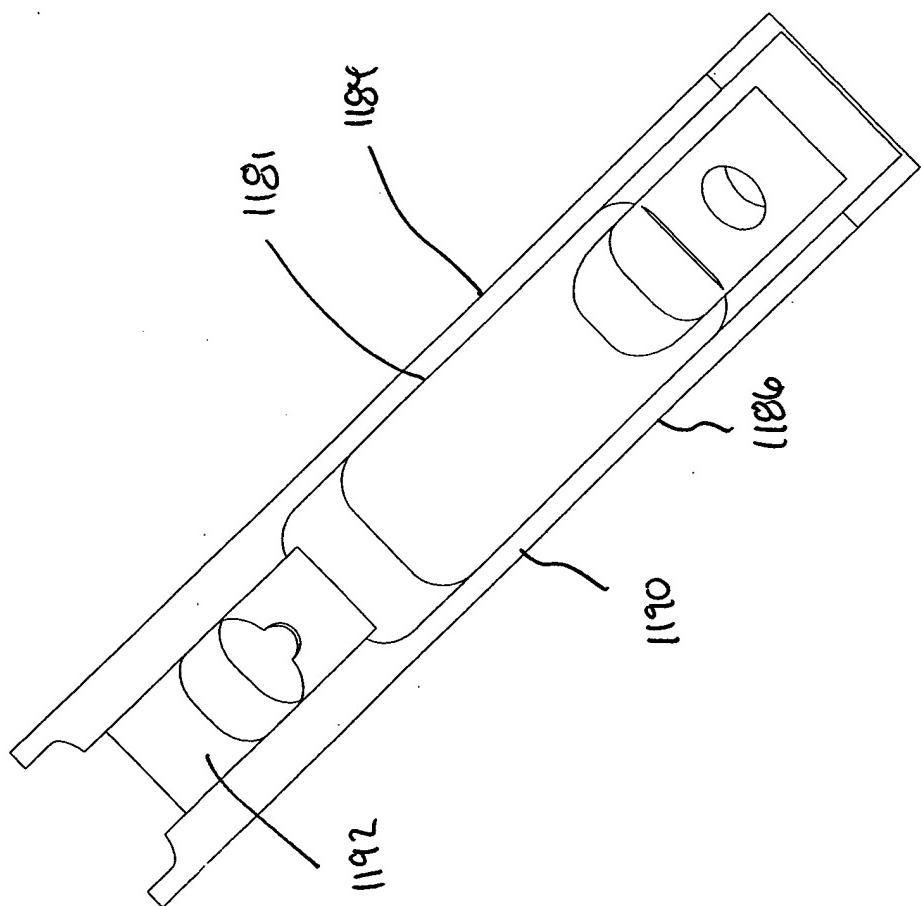


Fig. 167A

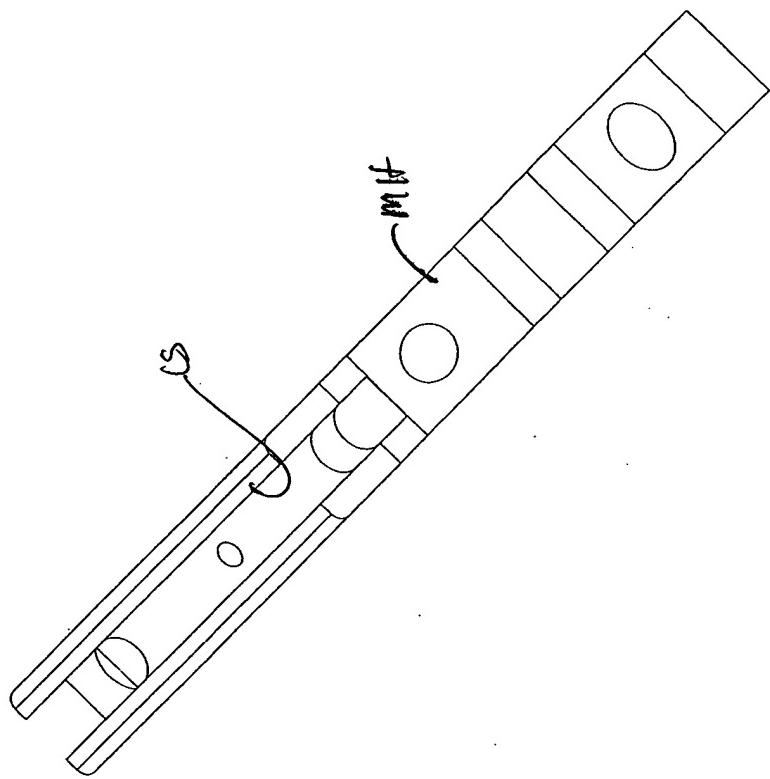
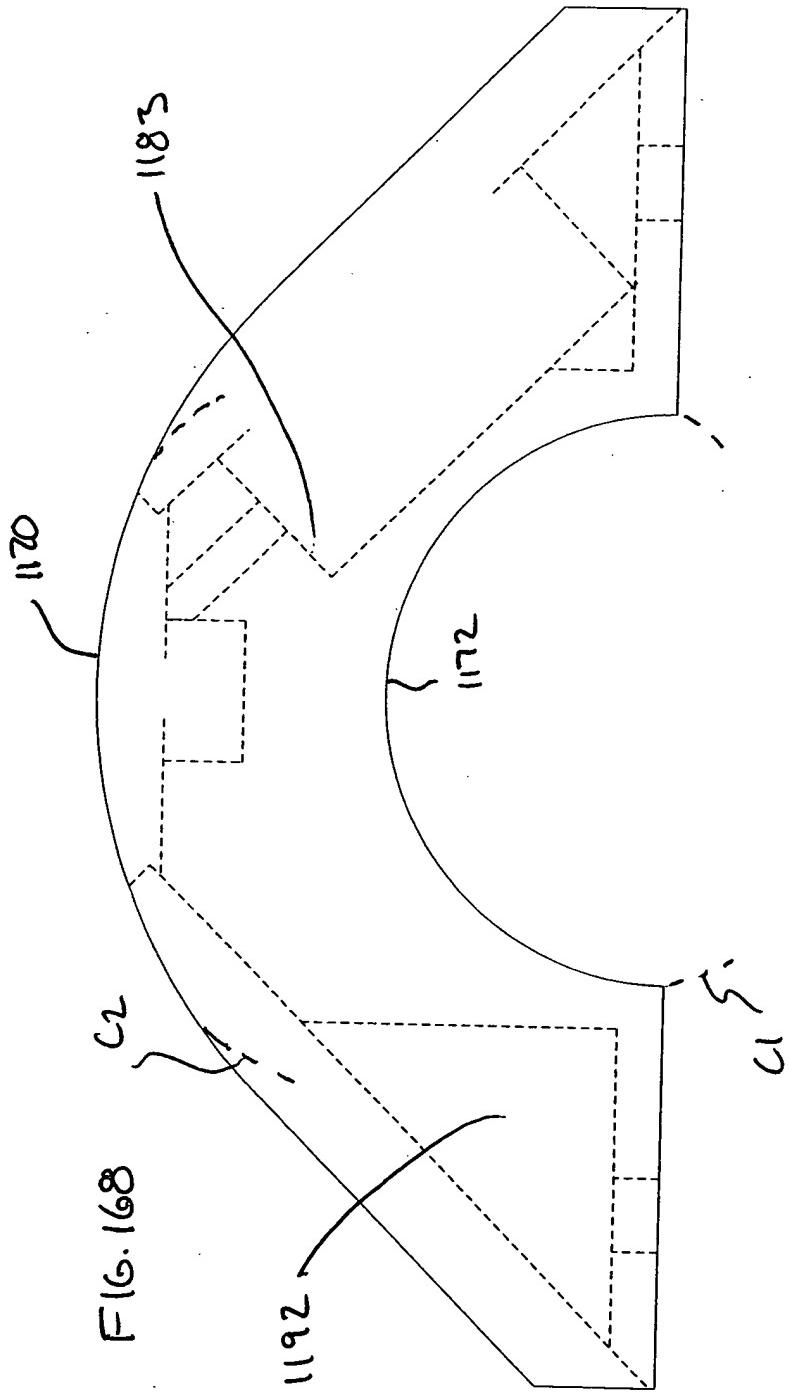


Fig. 168



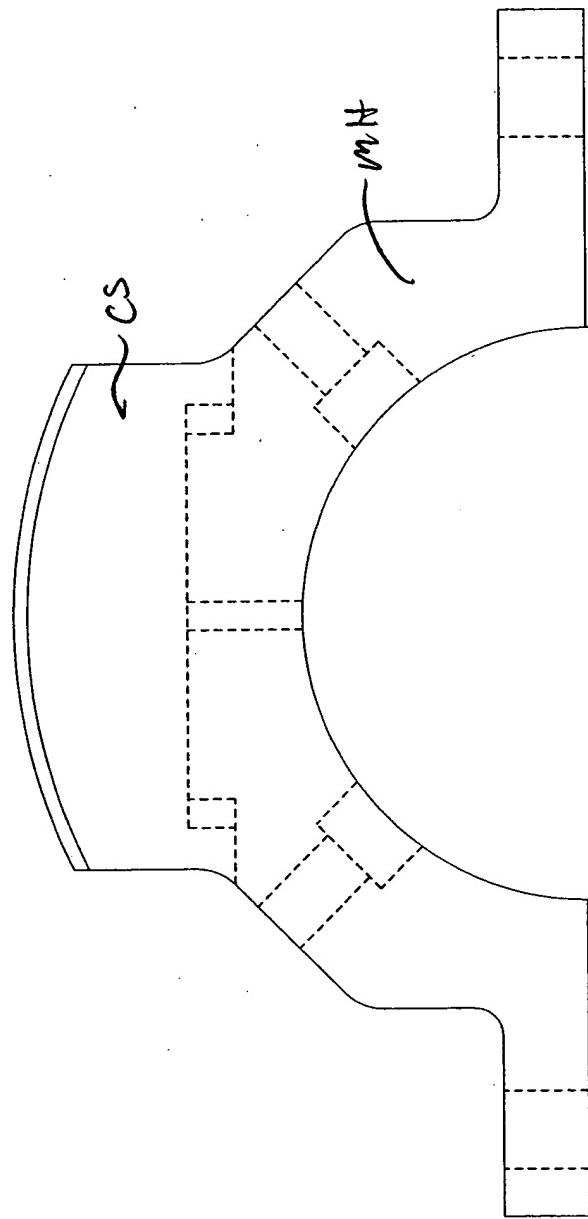


FIG. 16814

FIG. 169

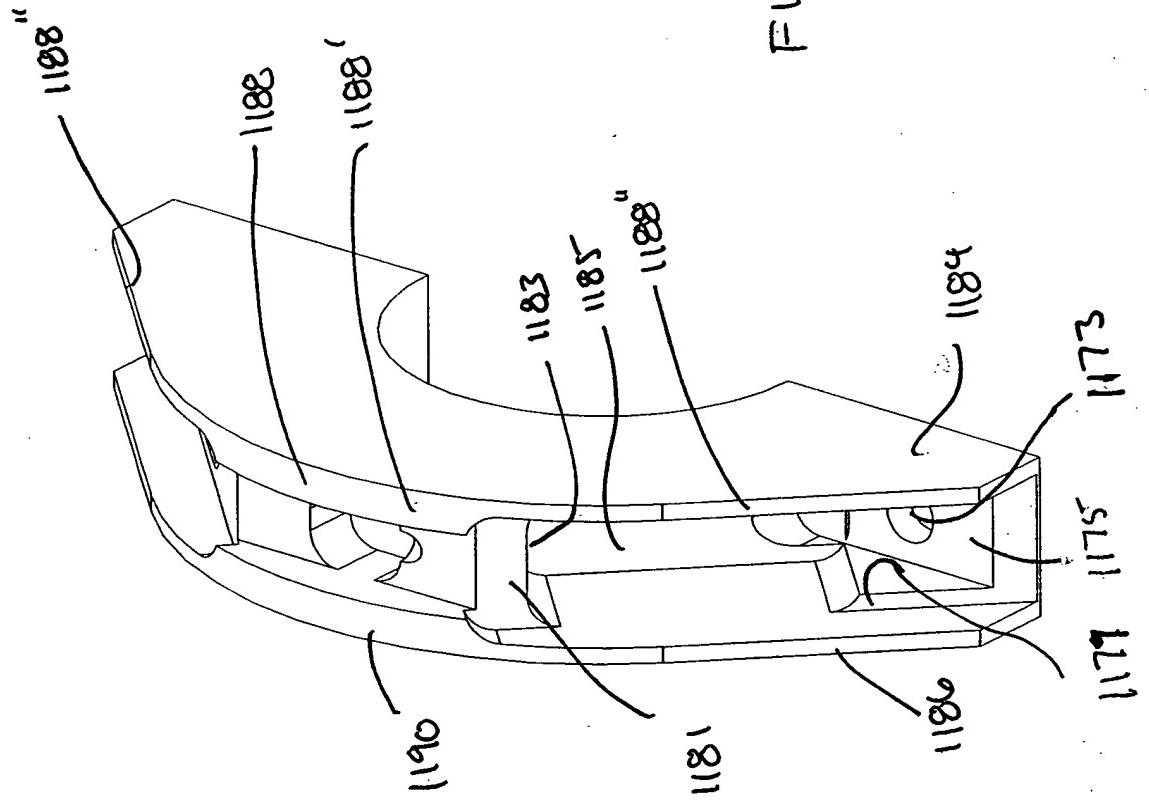


FIG. 169A

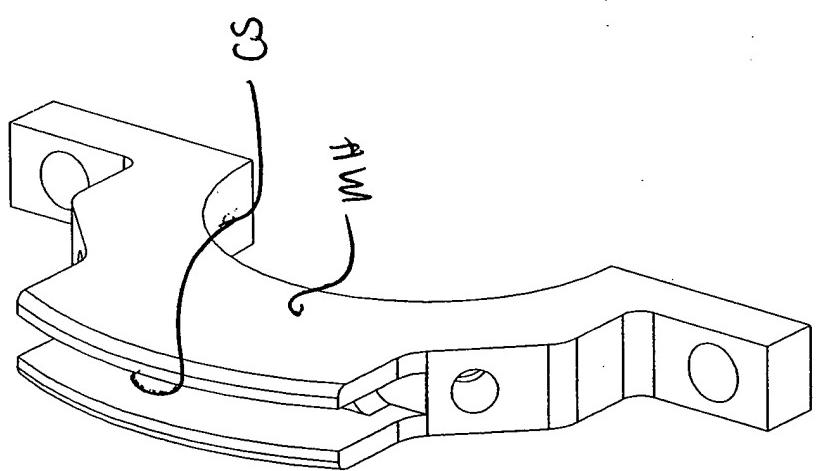


FIG. 170

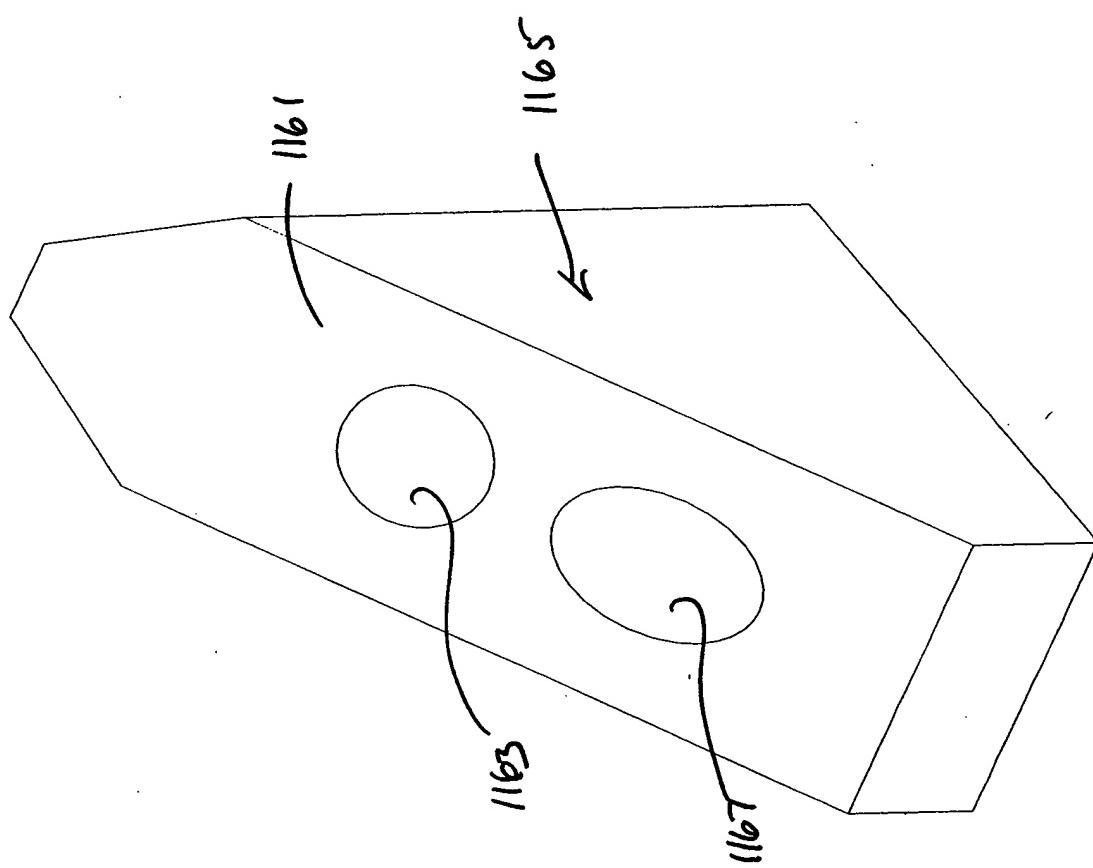


FIG. 170A

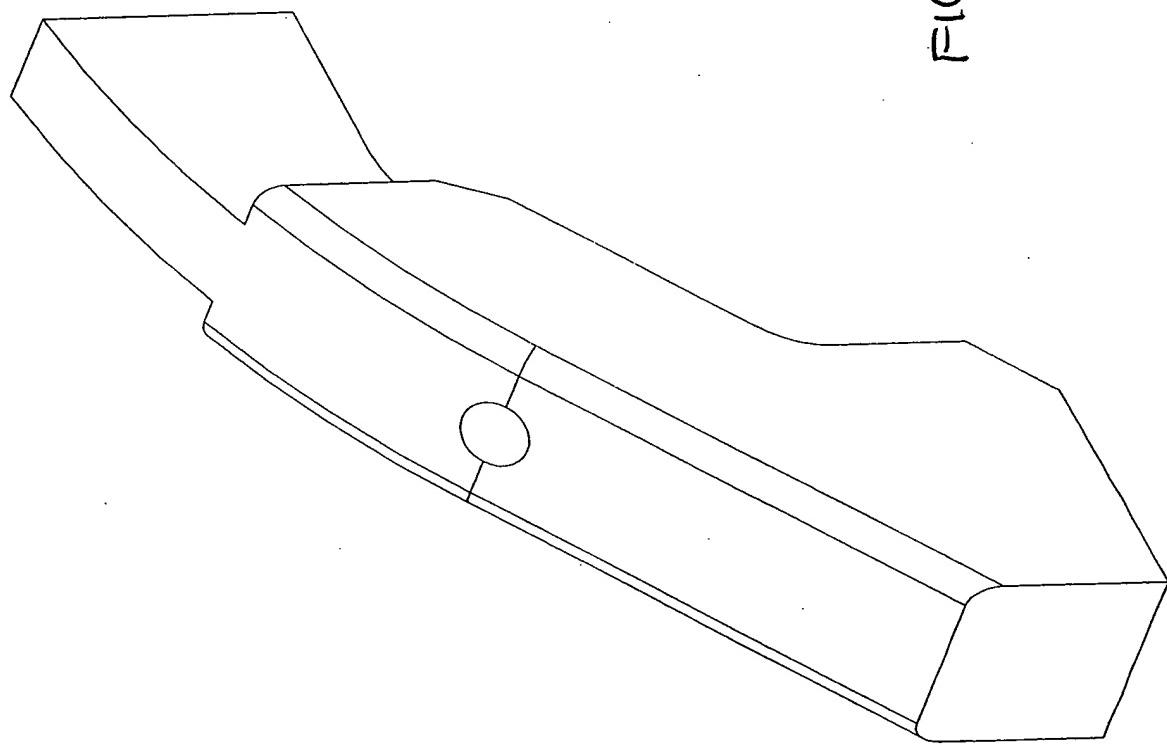


FIG. 171

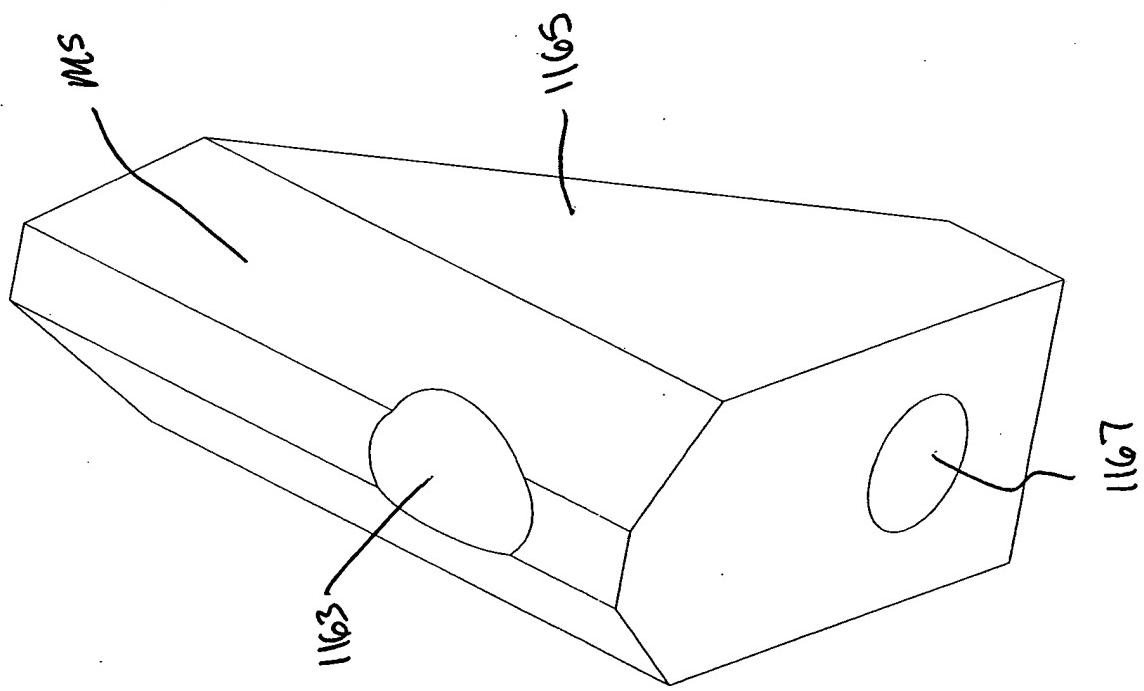


FIG. 171A

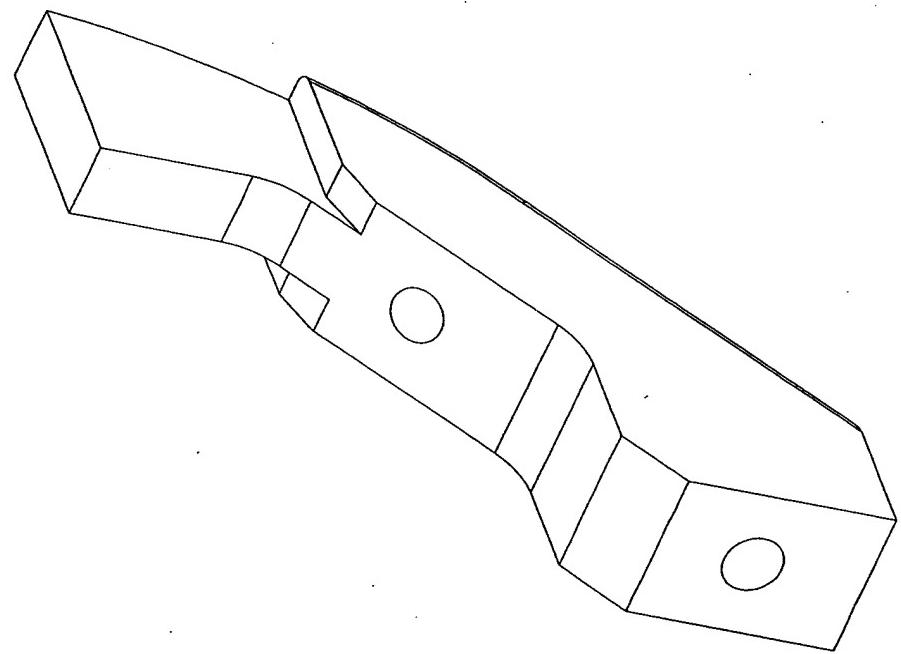


FIG. 172

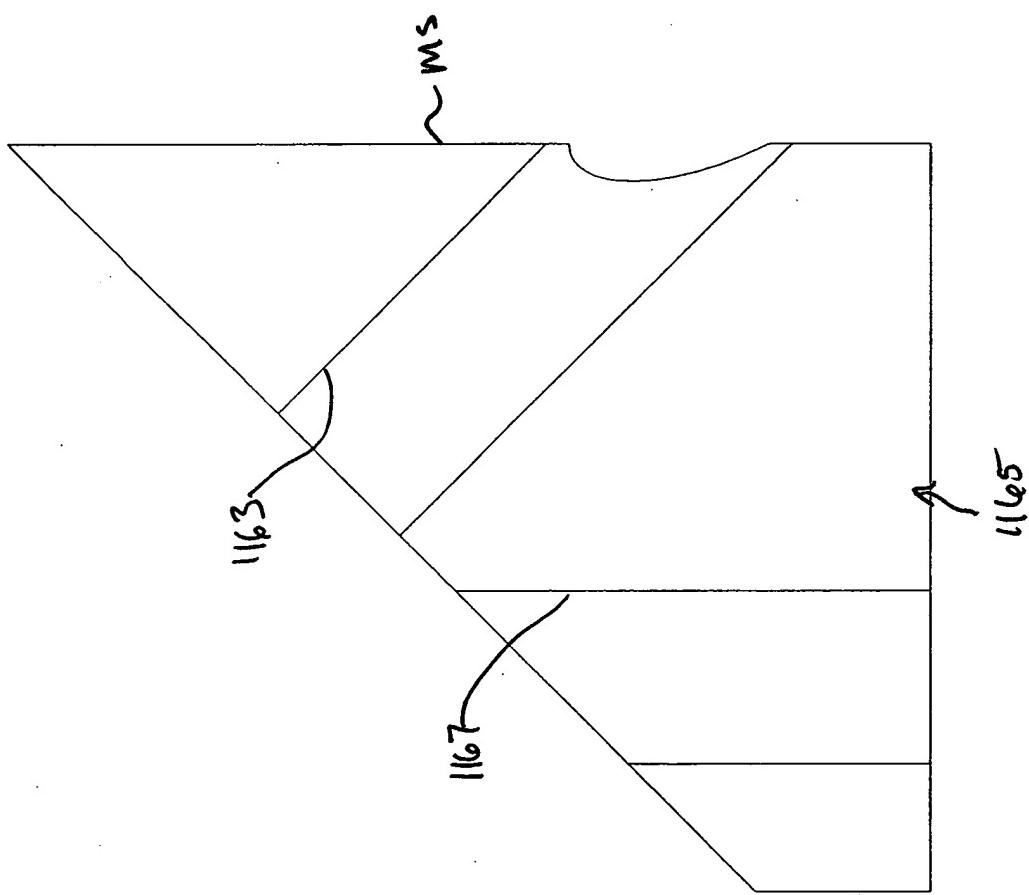


FIG. 172A

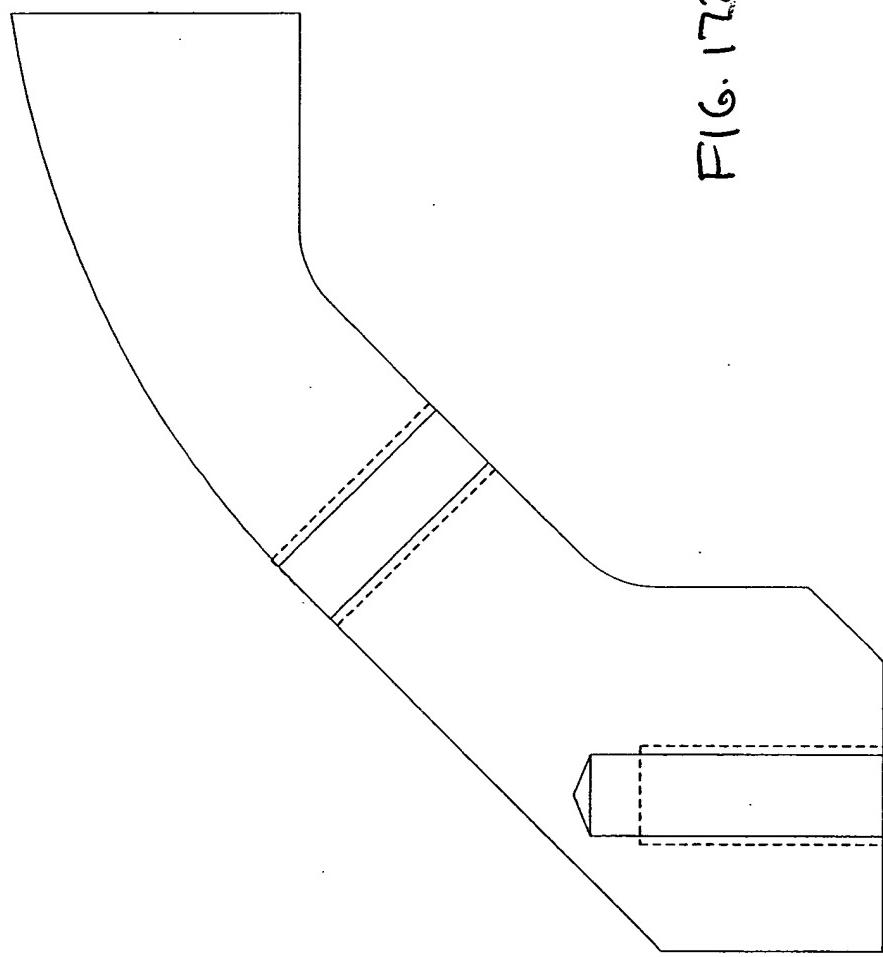
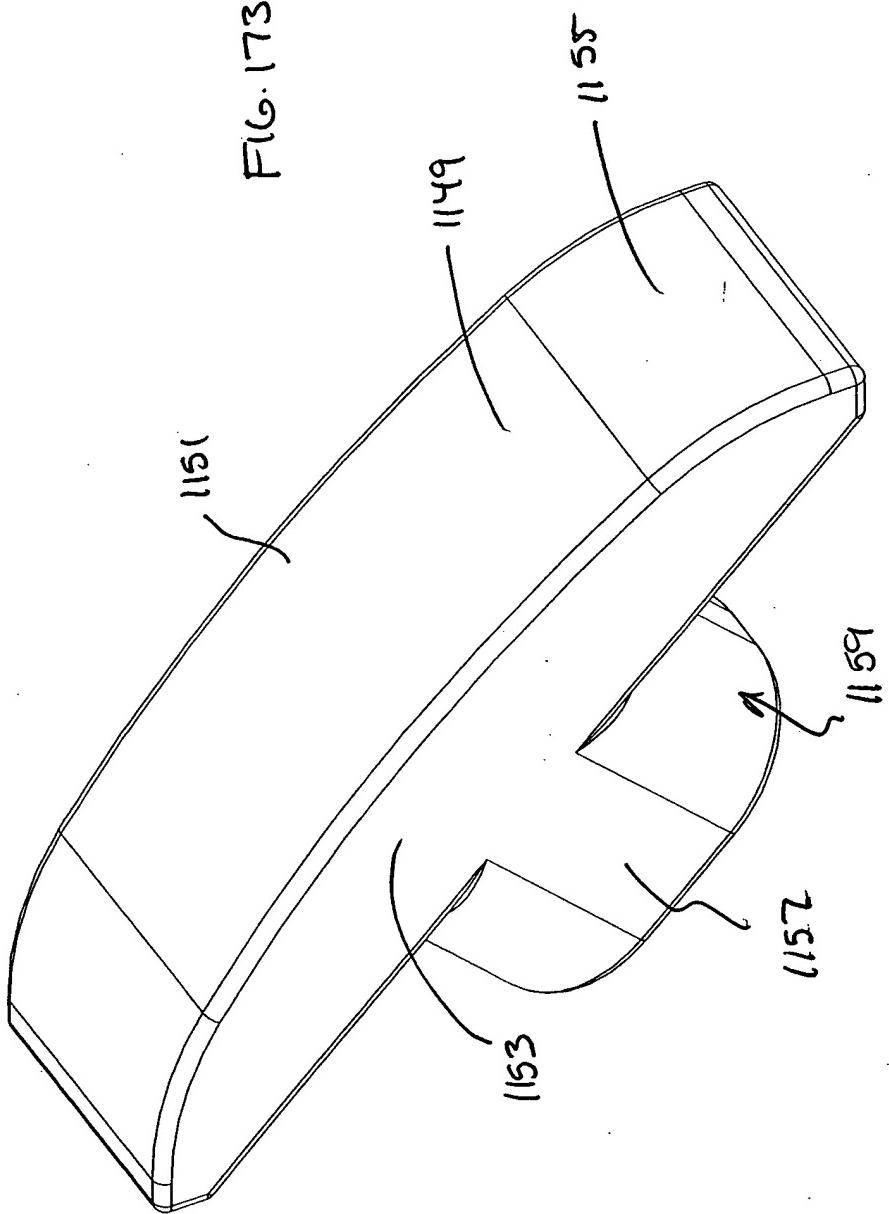
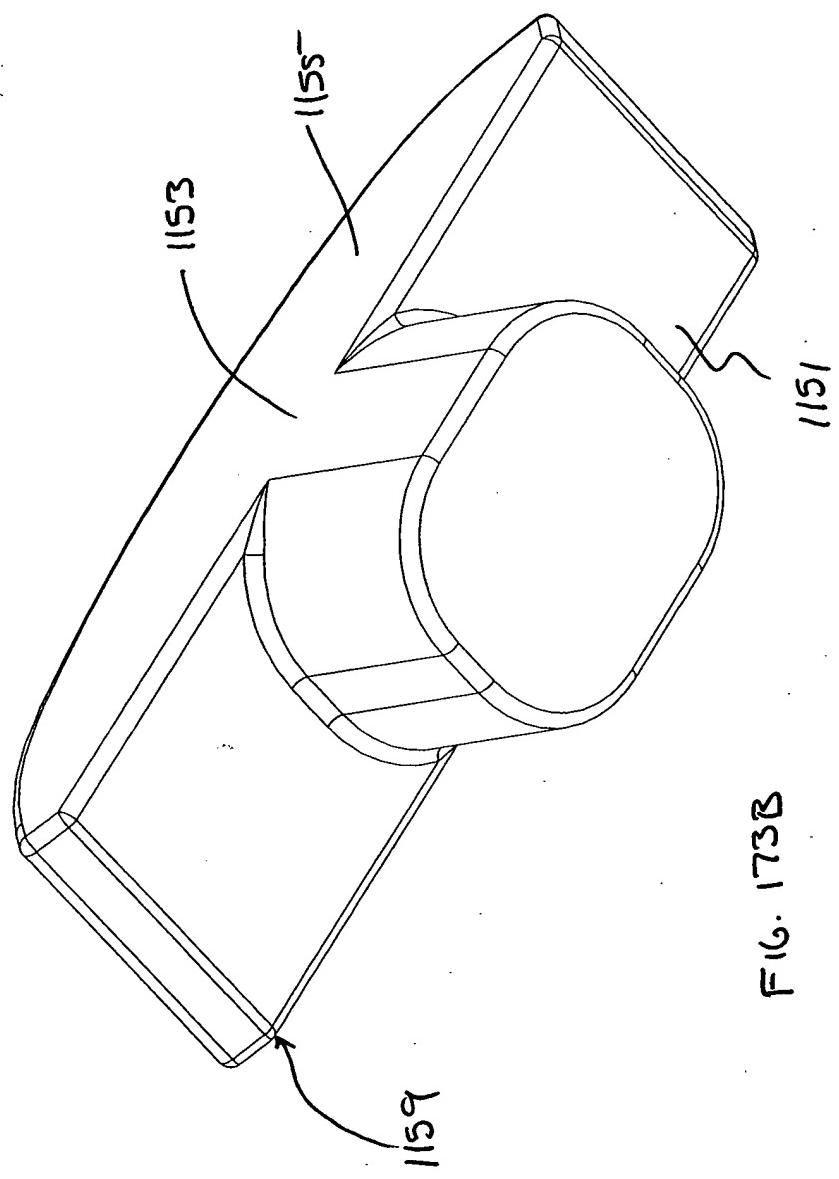


FIG. 173A





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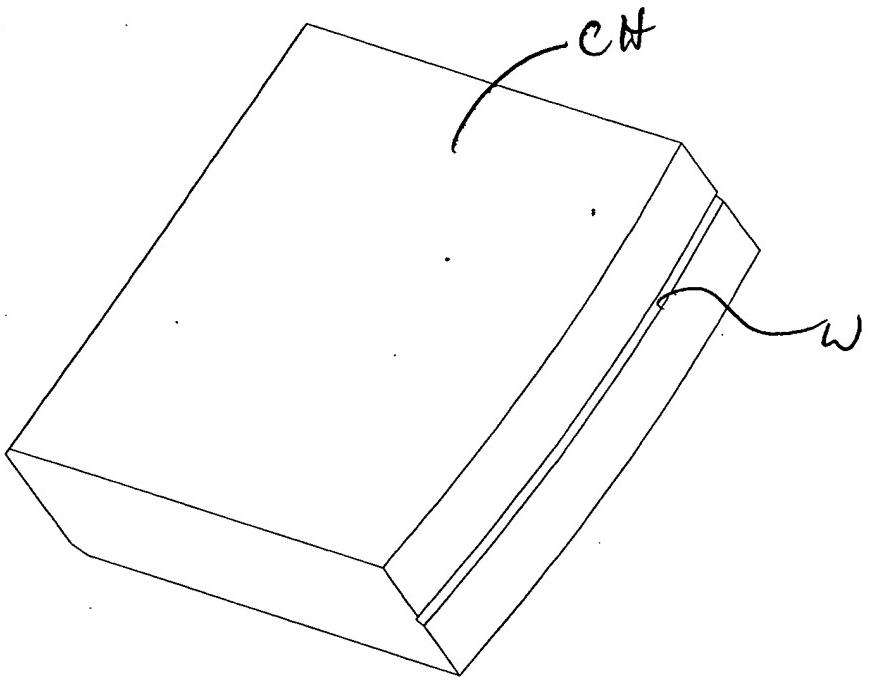
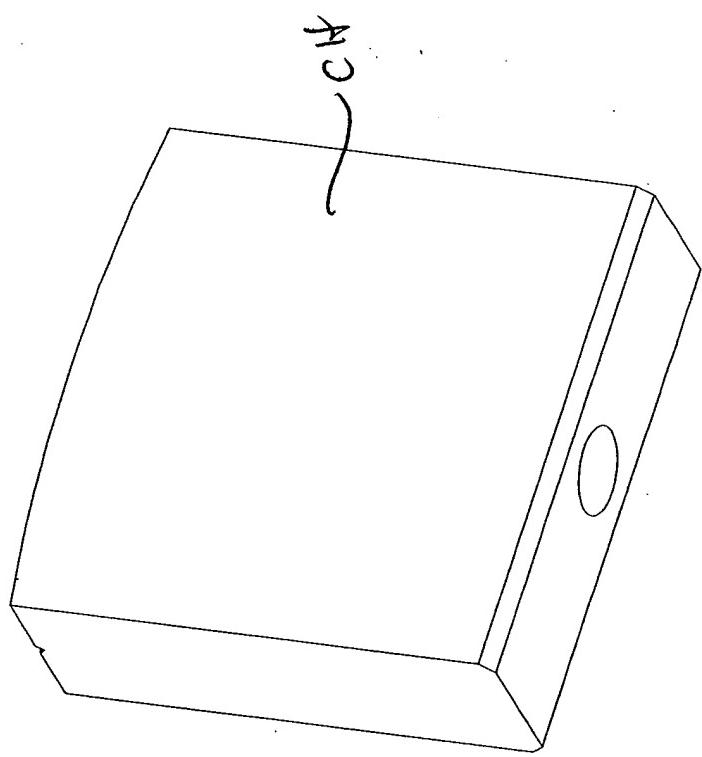
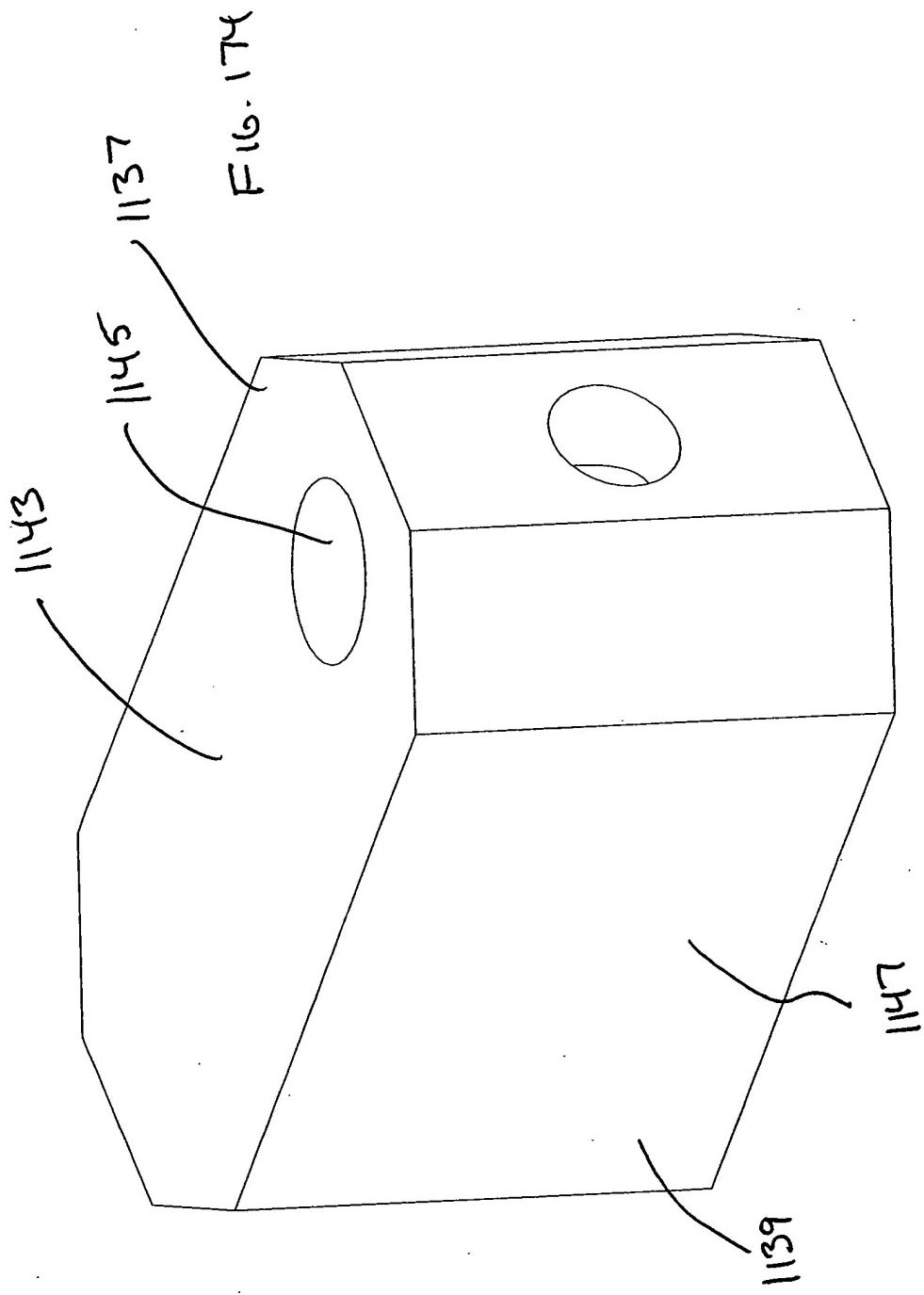


FIG. 173C

Fig. 173D





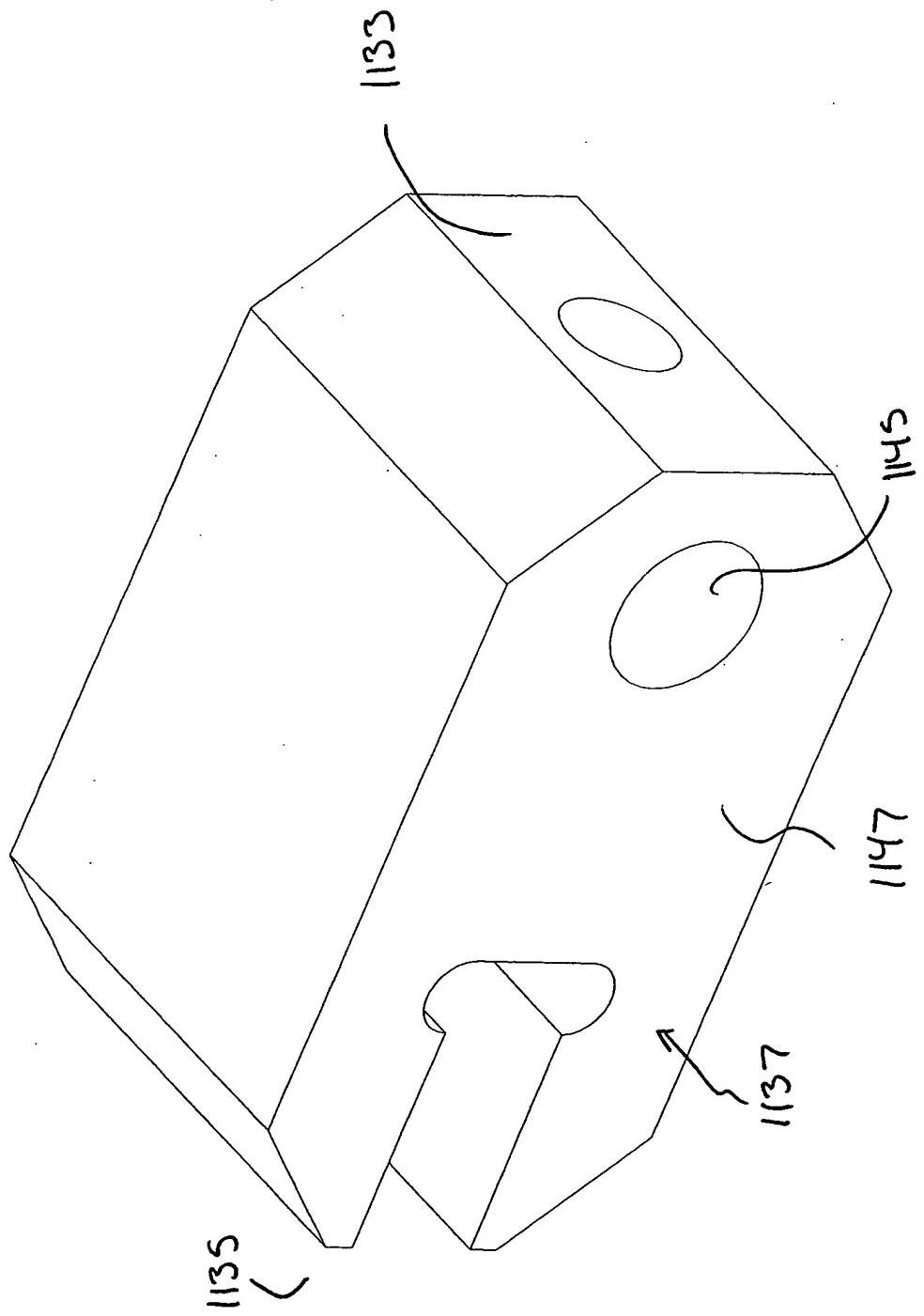
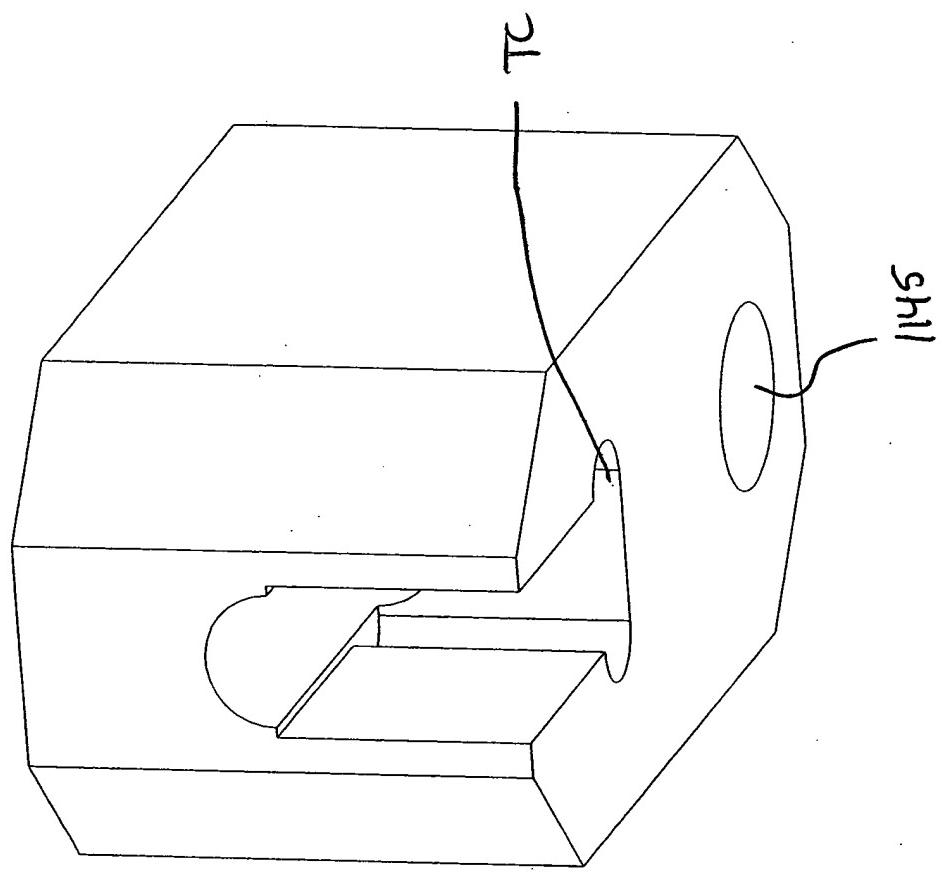


FIG. 175

FIG. 176



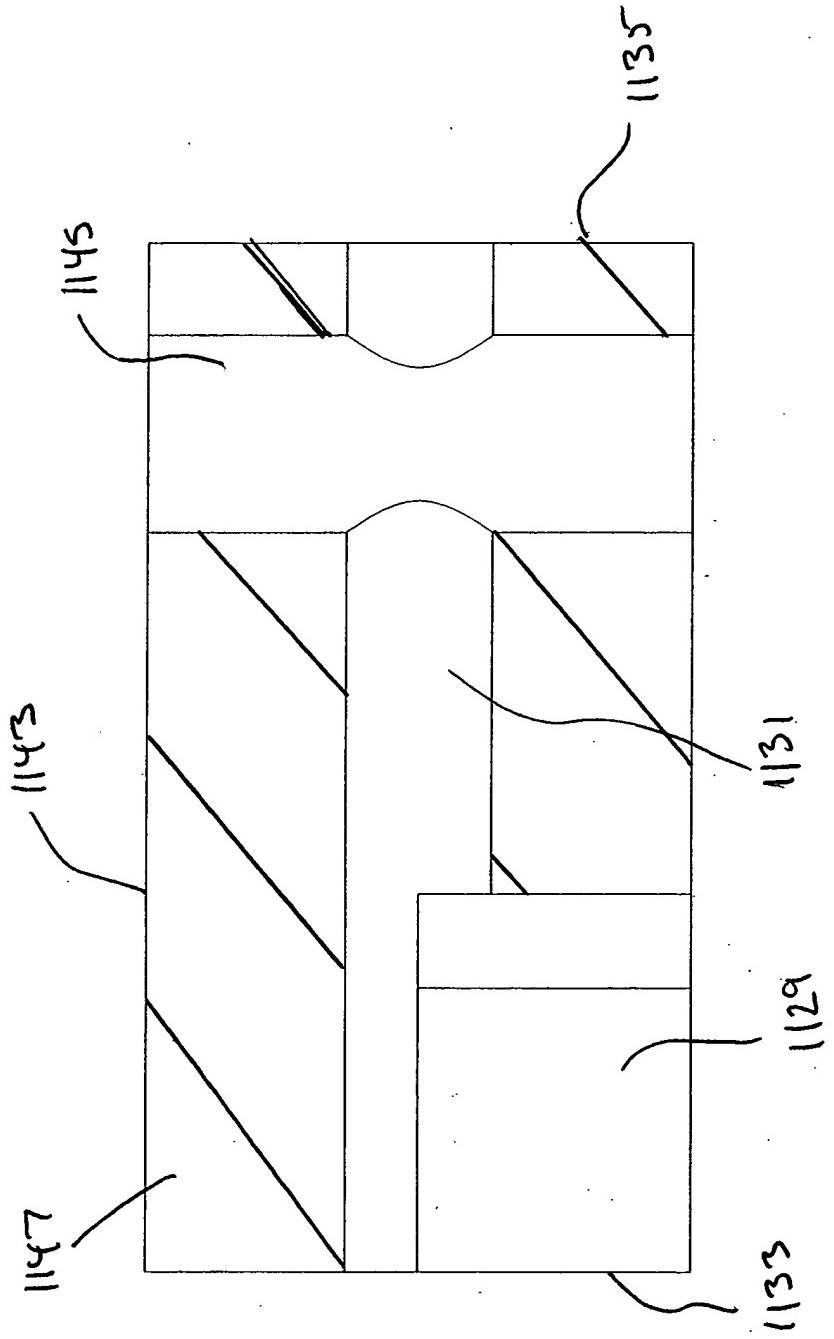


FIG. 177

III₃(III)

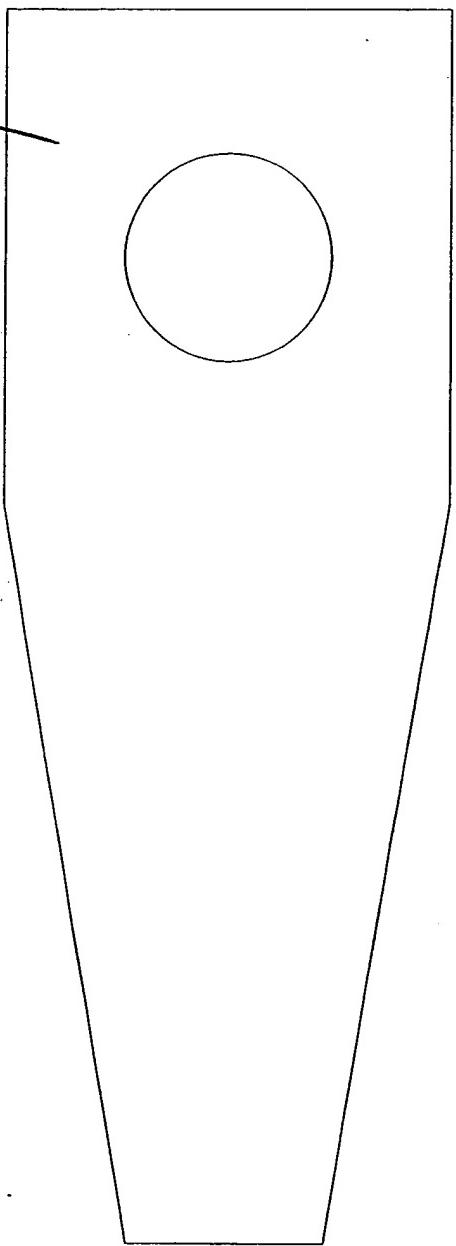


FIG. 178

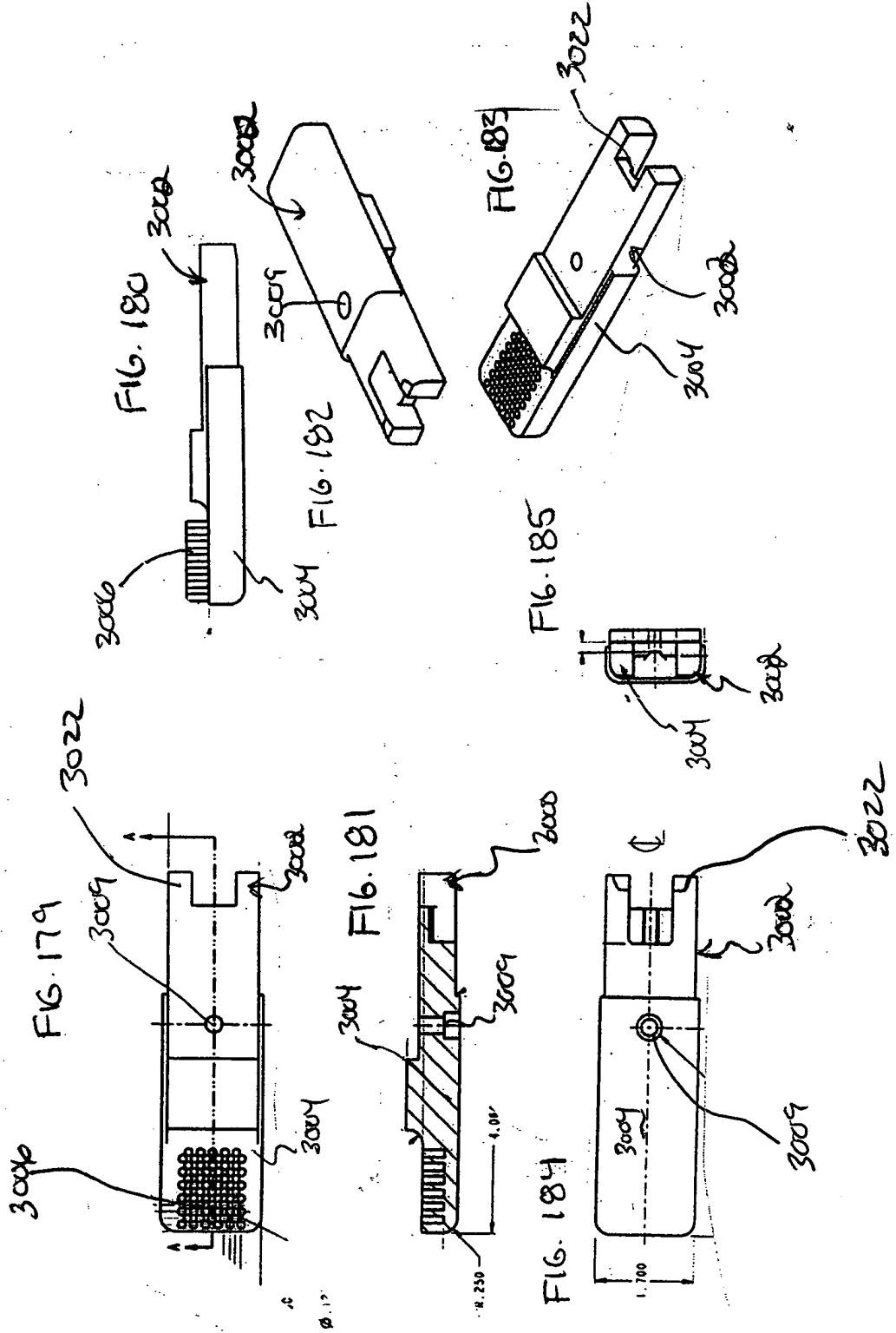


FIG. 186

Display, Controls, & Power Distribution

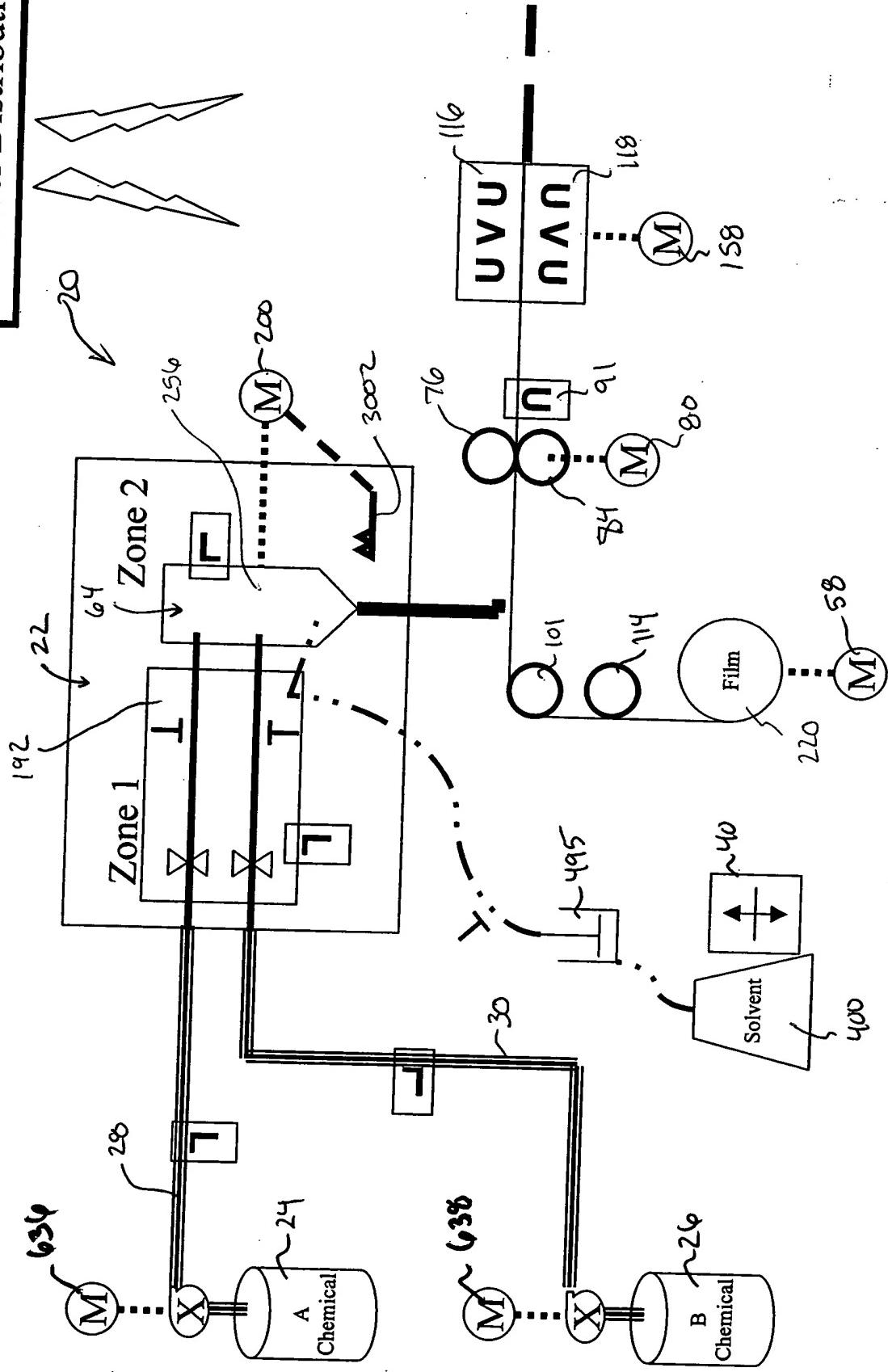


Fig. 186A

Legend

(M) = Motor

:: = Linkage

(X) = Pump

|| = Pump Shaft/Hose

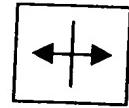
■ = Heating element (all orientations)

X = Filter

L = Pressure Transducer (all orientations)

▲ = Tip Cleaning Brush

| | = Solvent Pump

 = Level Sensor



= Mixing Module +



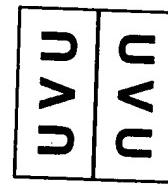
= Idler Roller



= Nip Rollers



= Edge Seal Wire



= Jaw Assembly
(X-seal, X-cut,
X-seal)

Top/Bottom X-Seal, X-cut

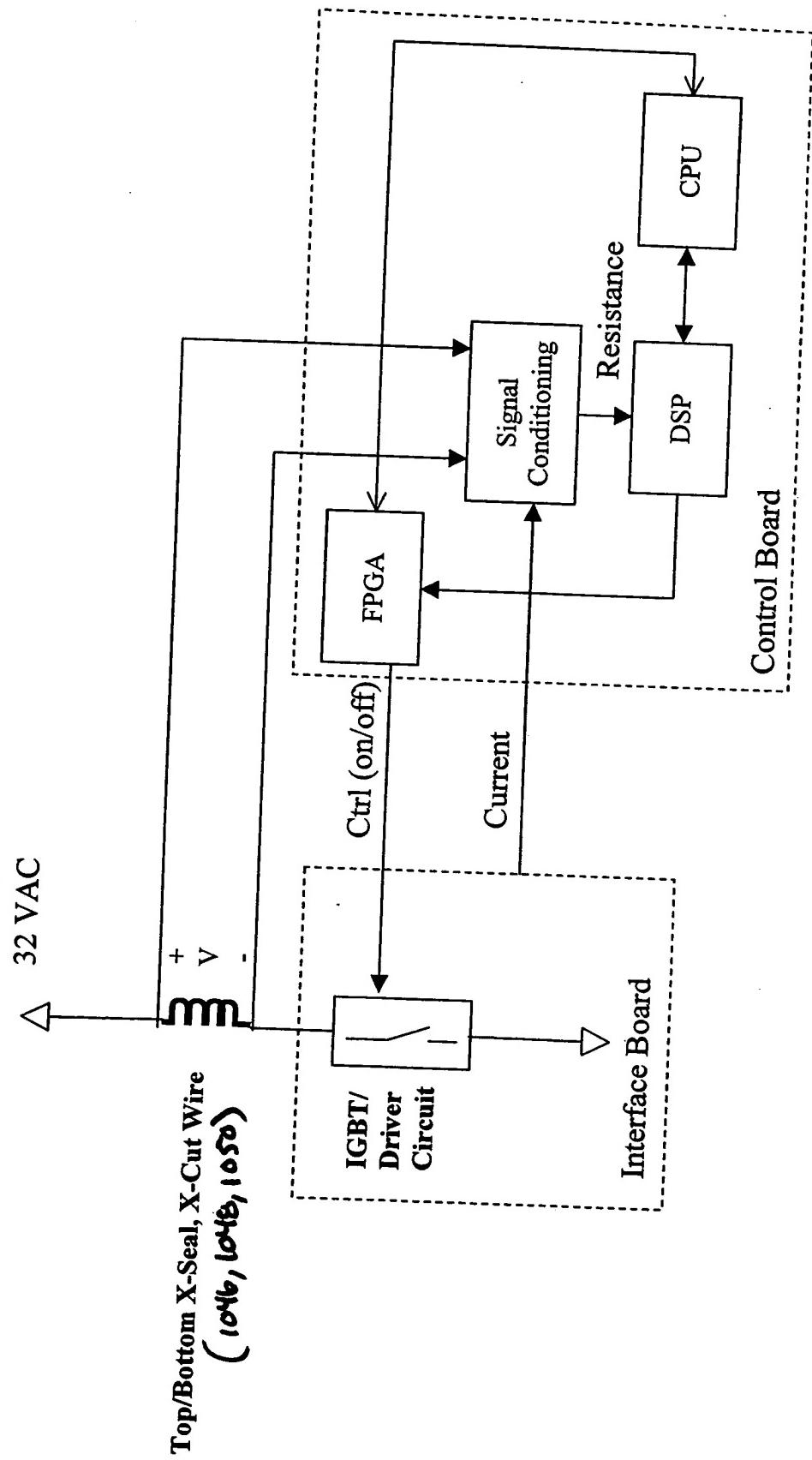


Fig. 187

Edge Seal

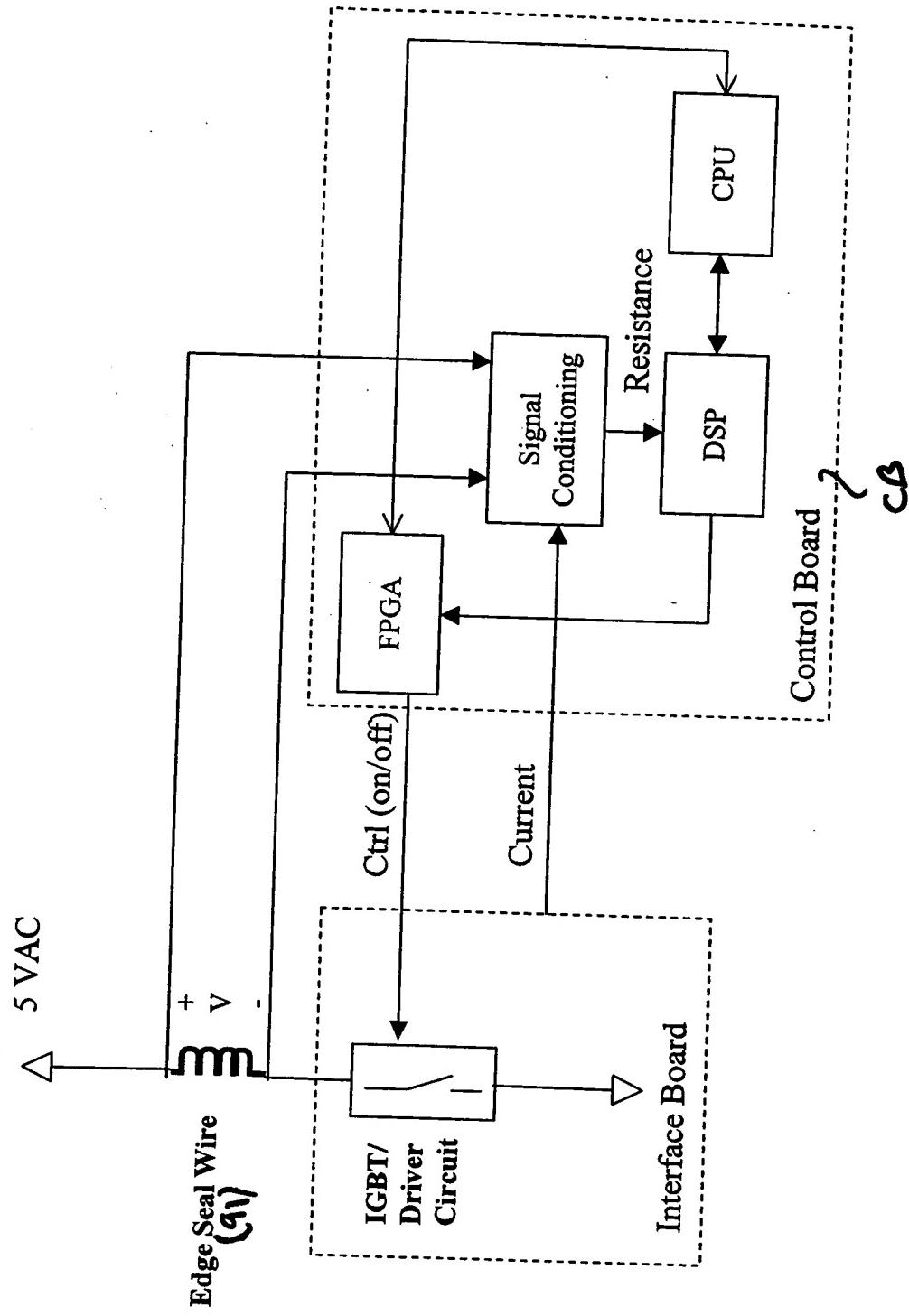


FIG . 188

CB

Moving Jaw

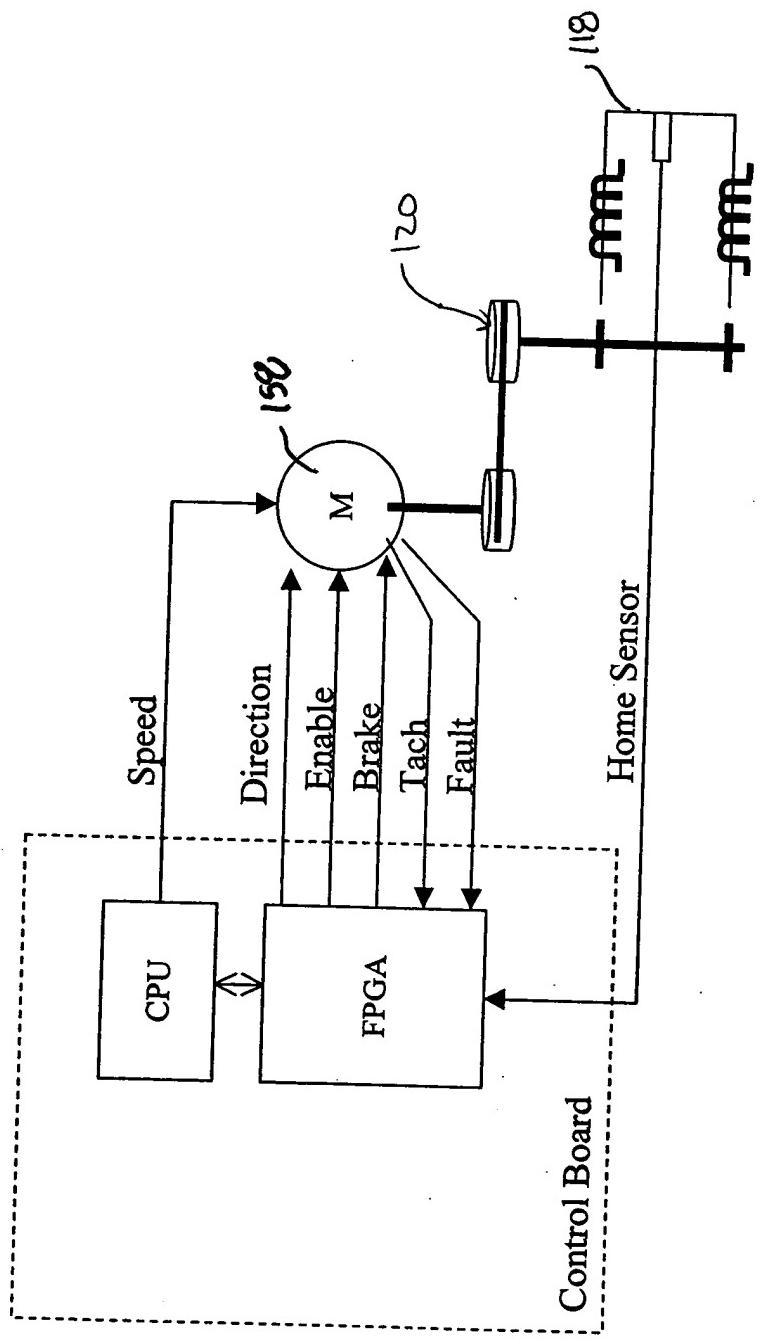


Fig. 189

Chemical Dispensing/Tip Cleaning

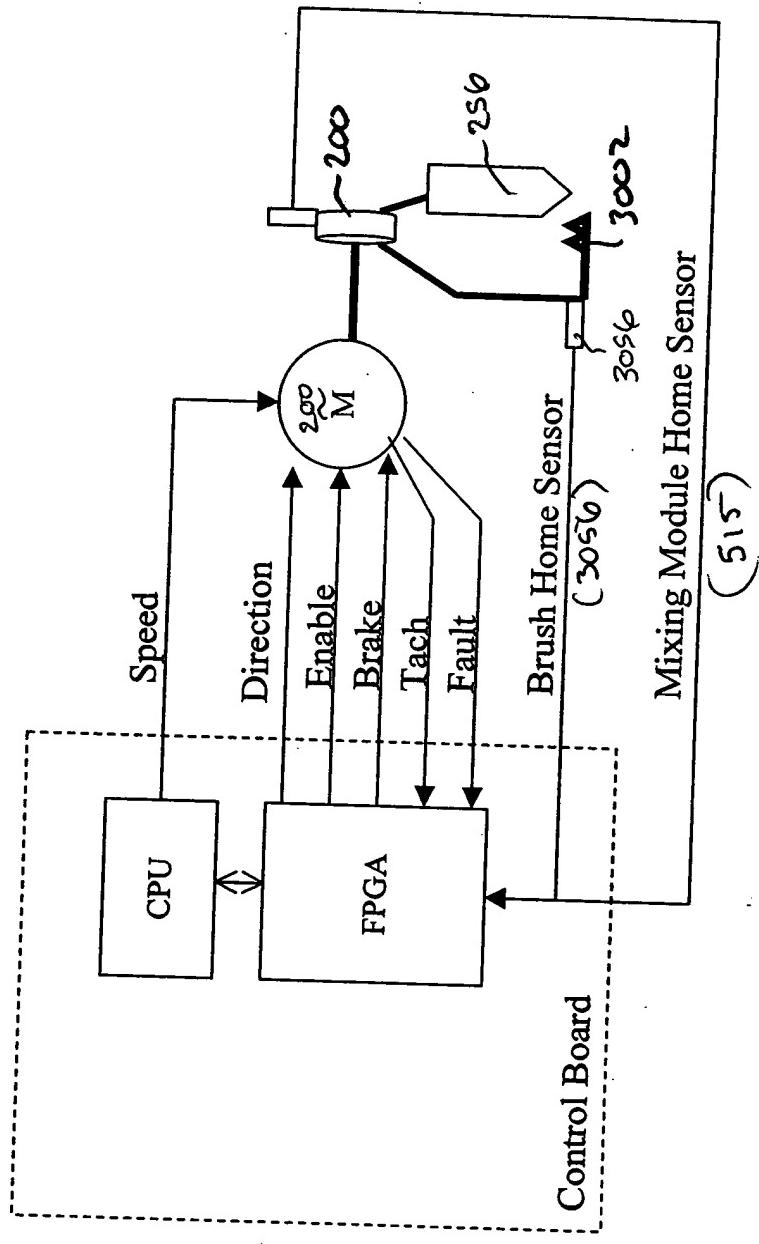


FIG. 190

Film Advance/Tracking

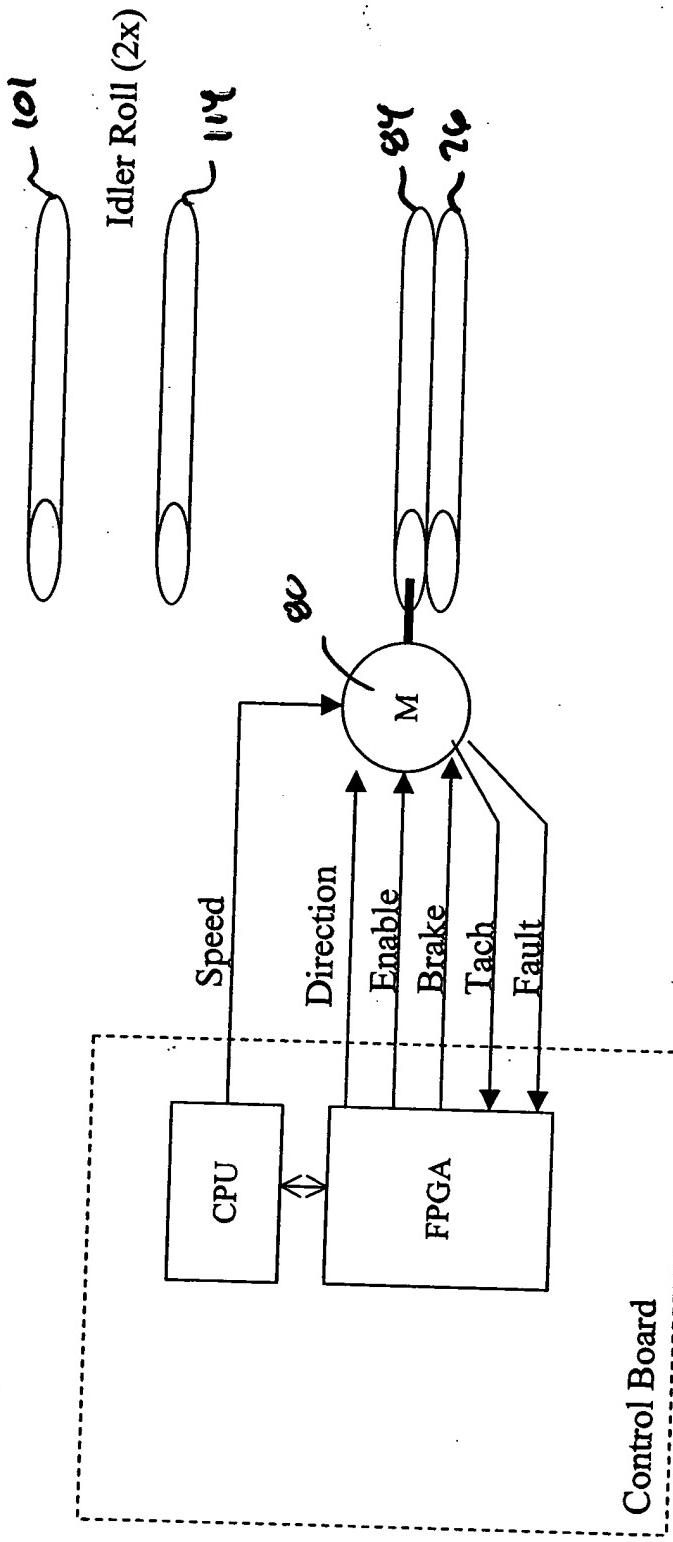


Fig. 191

Film Tension

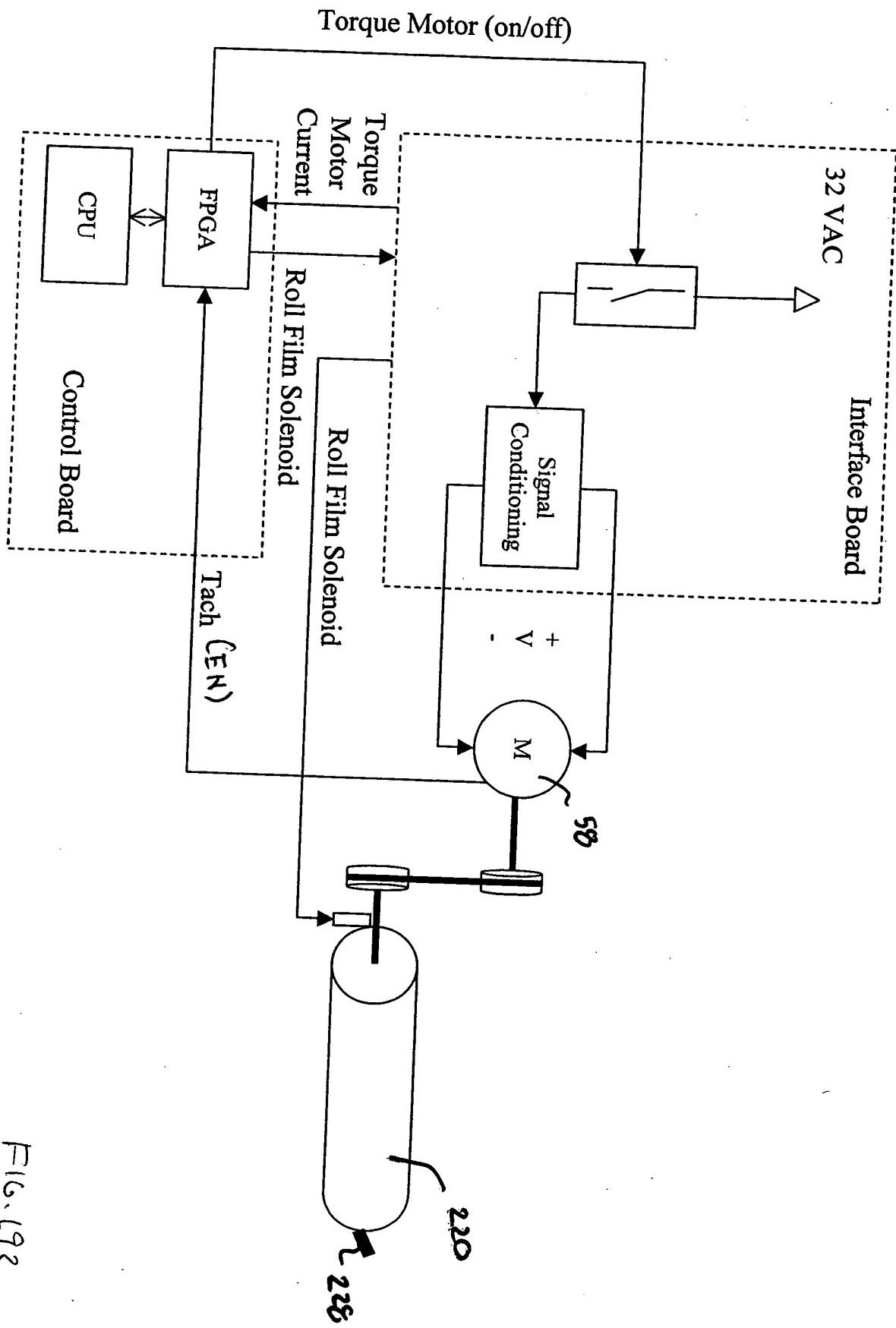
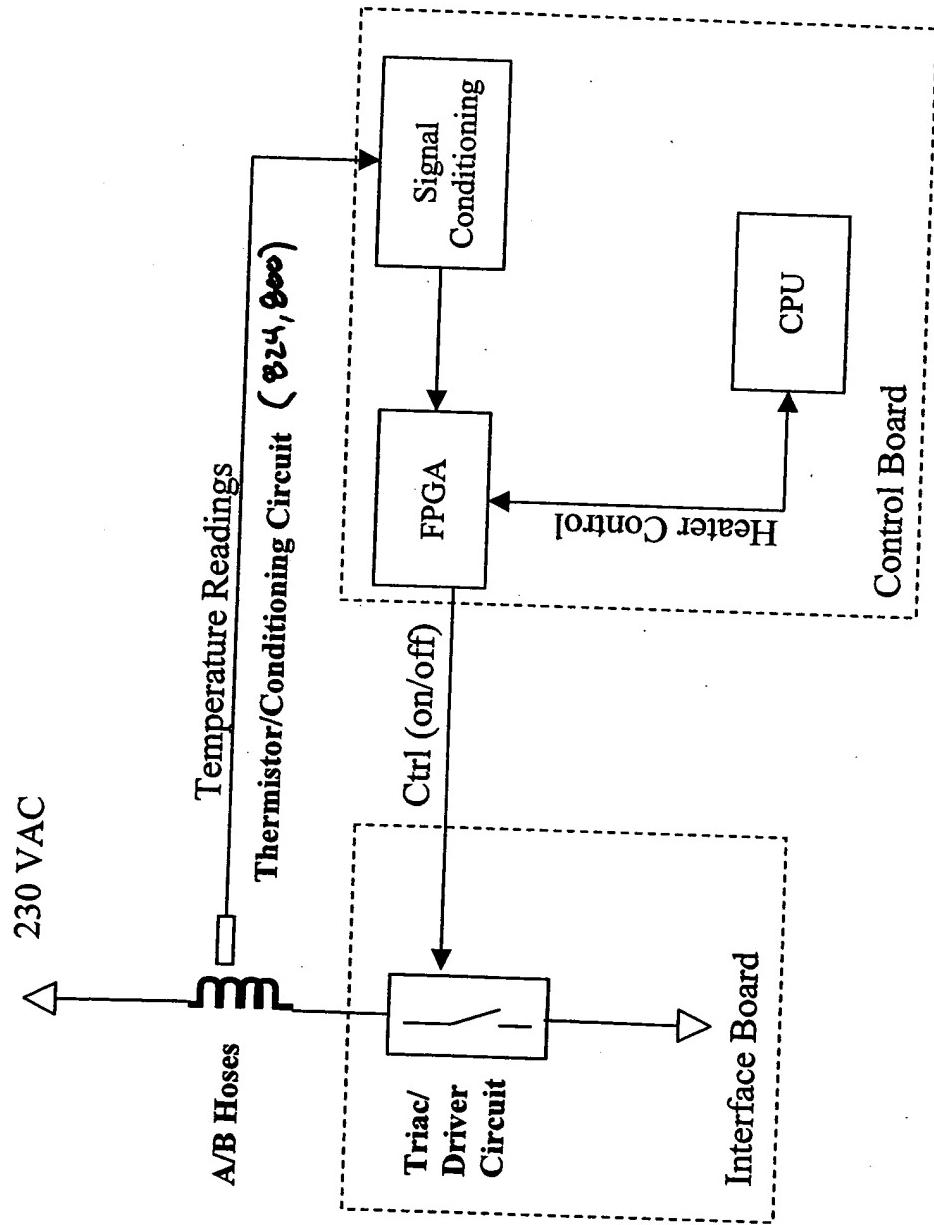


FIG. 192

Chemical Temperature Control (Hoses)



F16.193

Chemical Temperature Control (Manifold Zones)

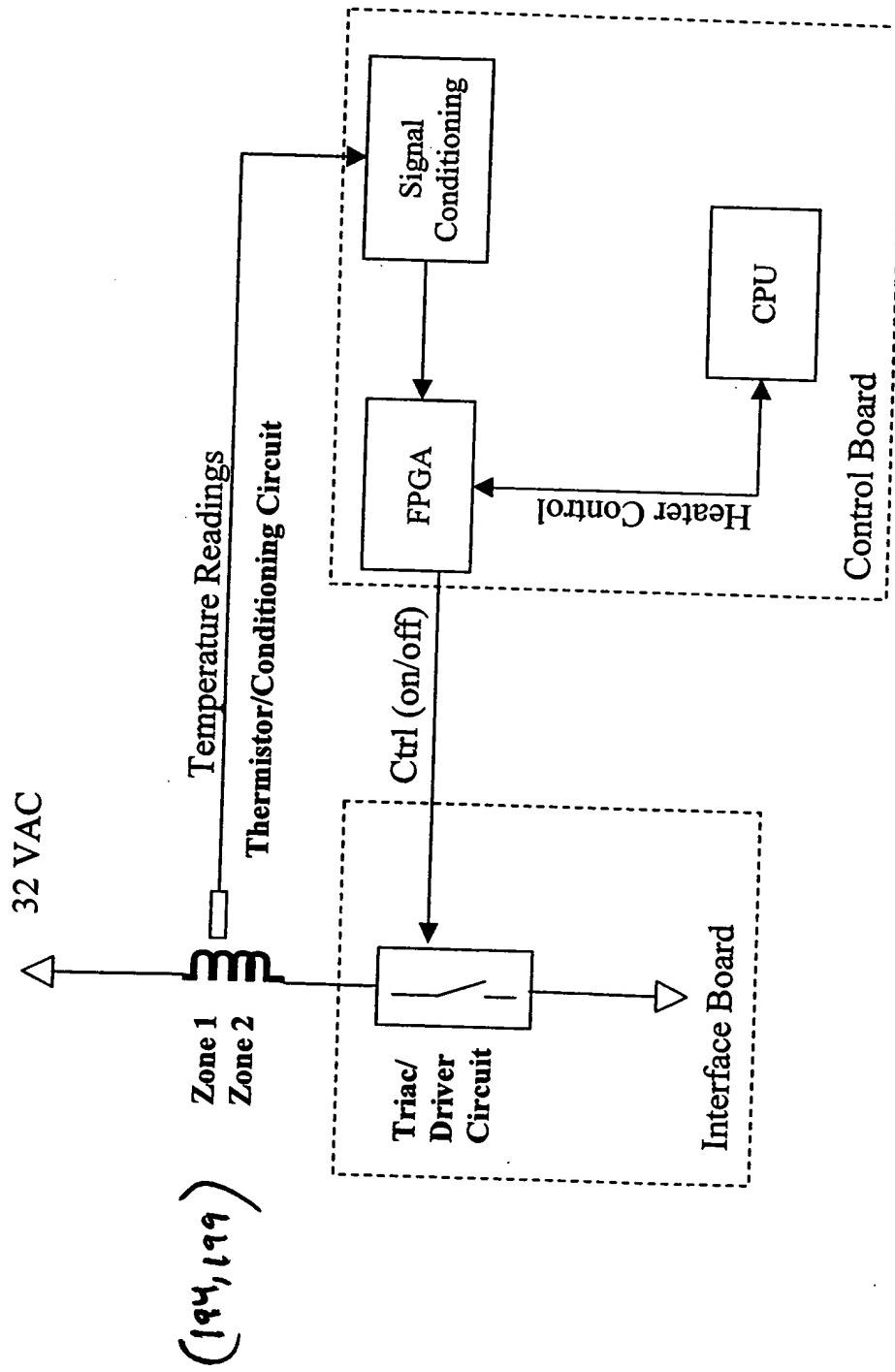


FIG. 194

Chemical Pressure

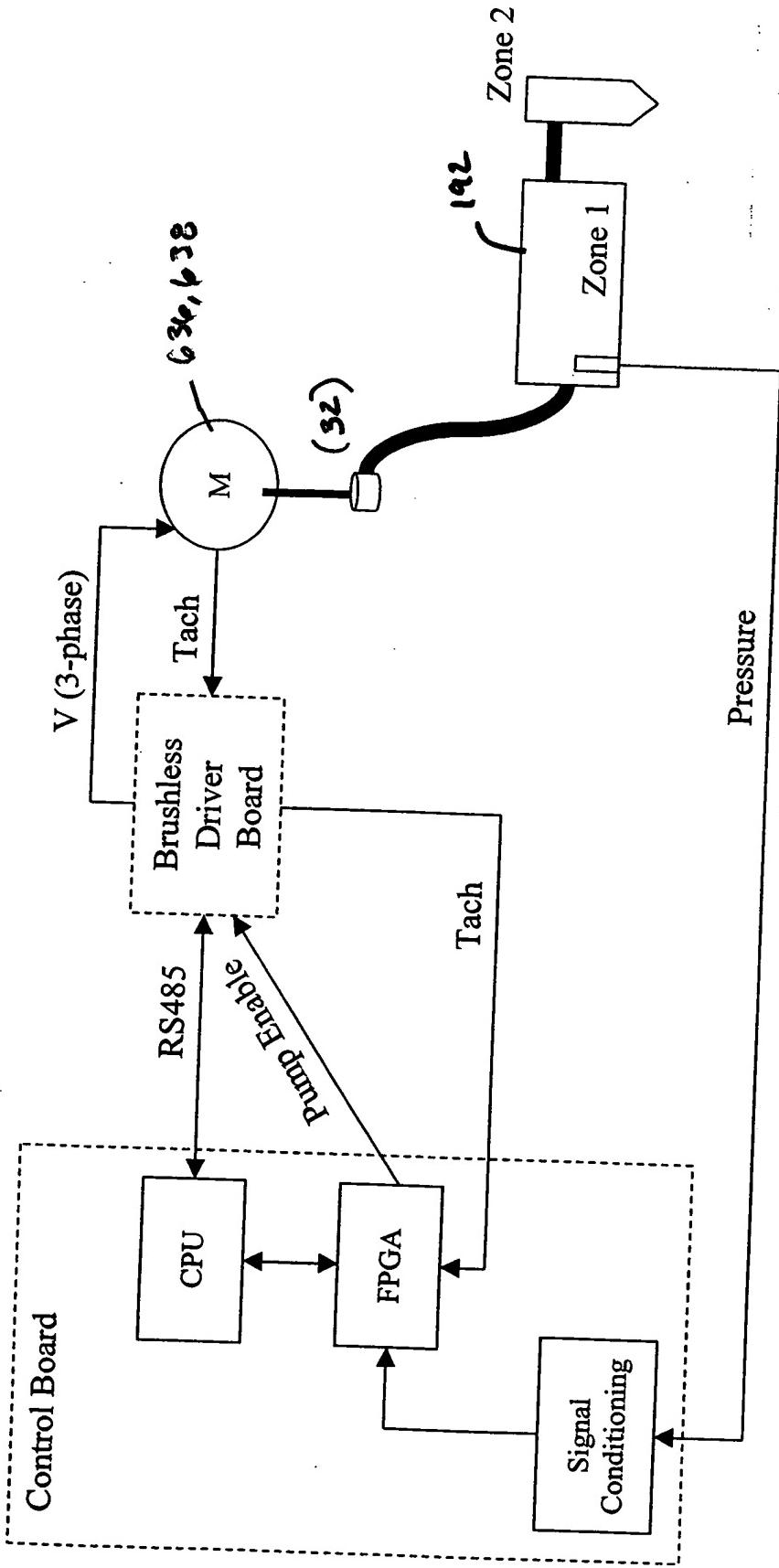


FIG. 195

Solvent System Control

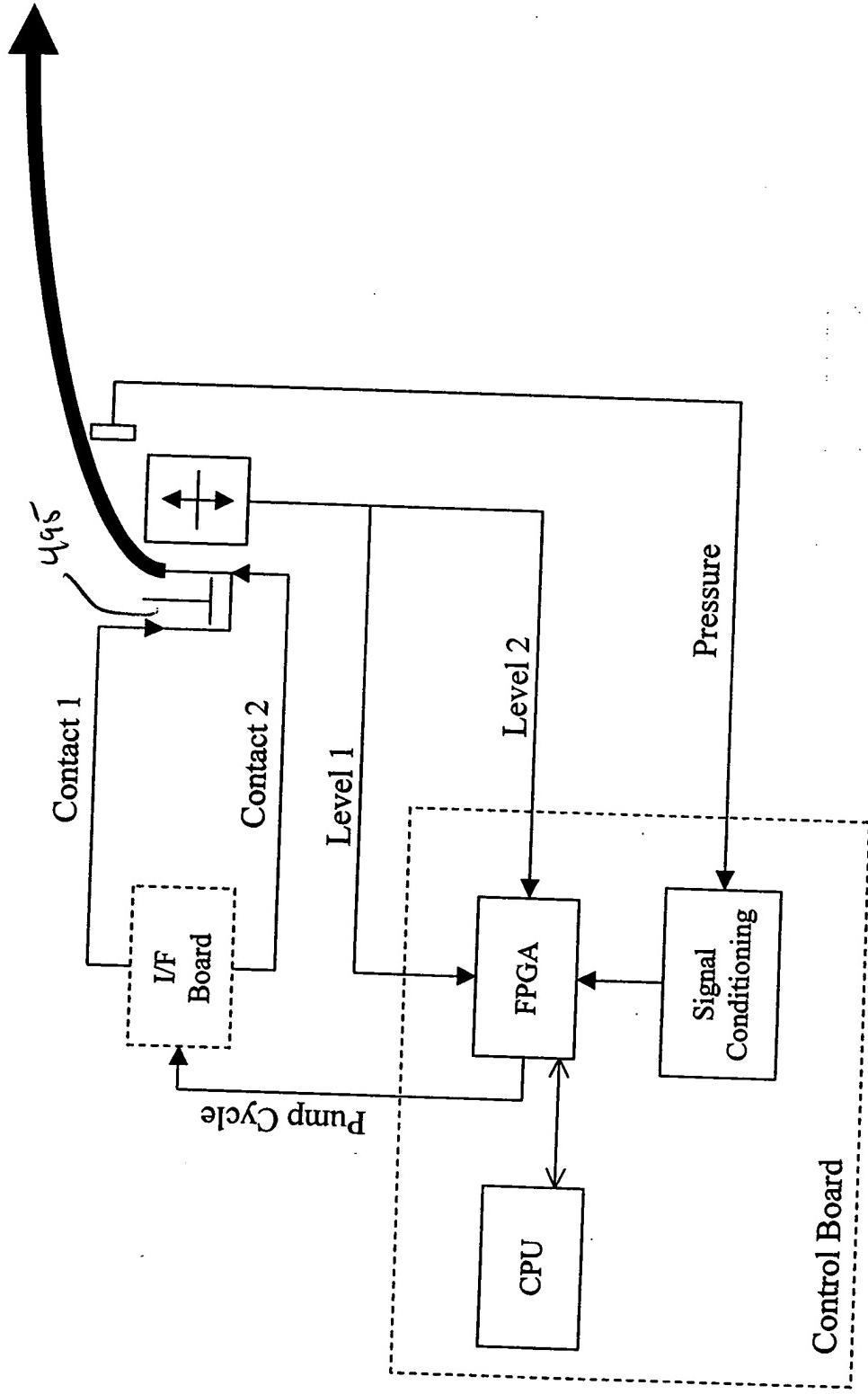
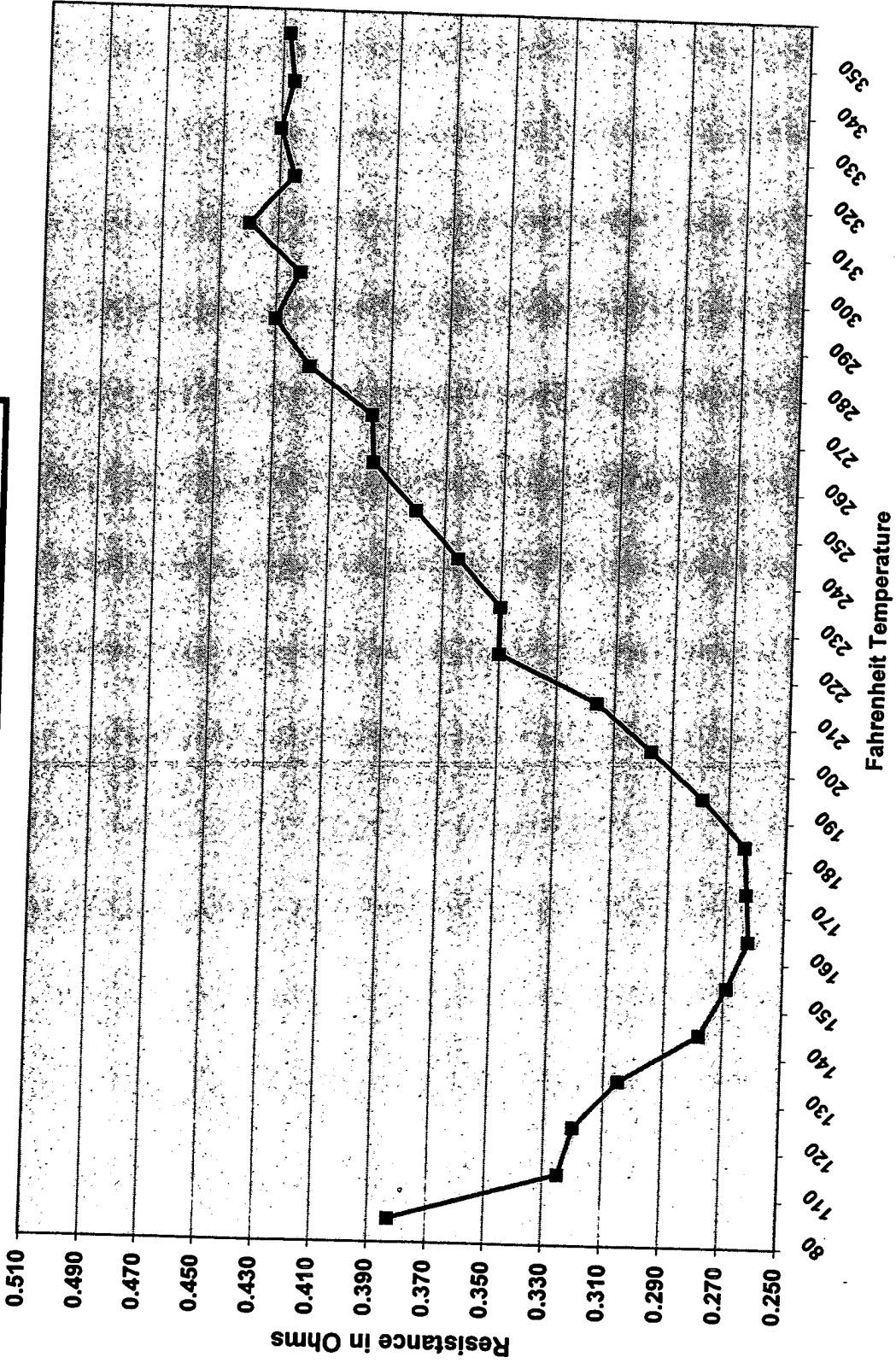


FIG. 196

FIG. 197

+ TCR



Film Advance/Tension Motor Tach Ratio

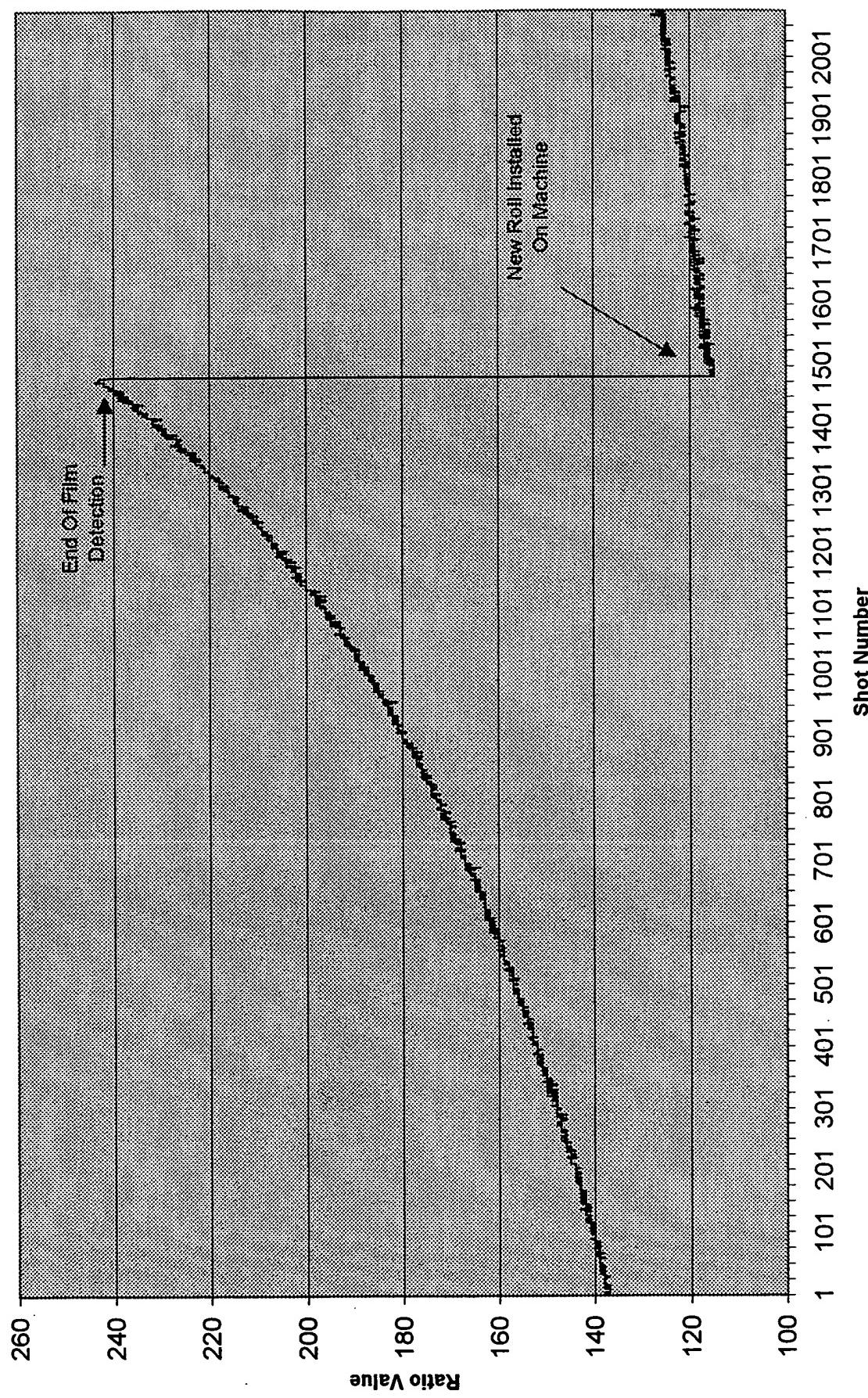


FIG. 198

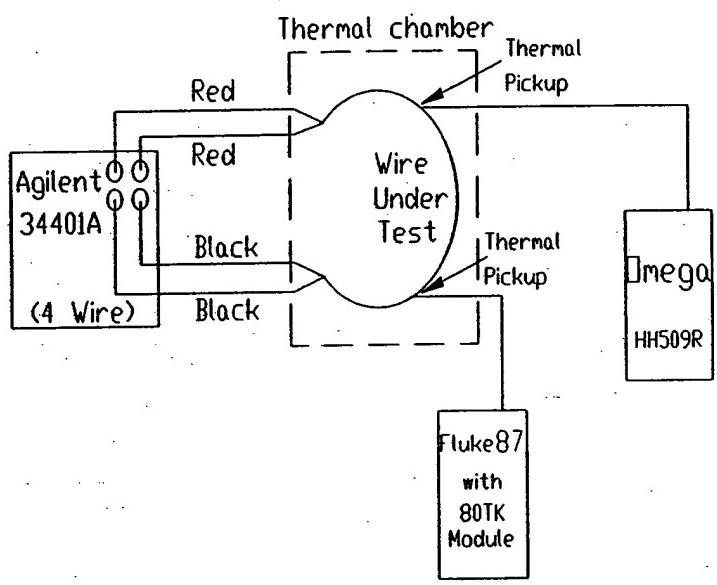


FIG. 199